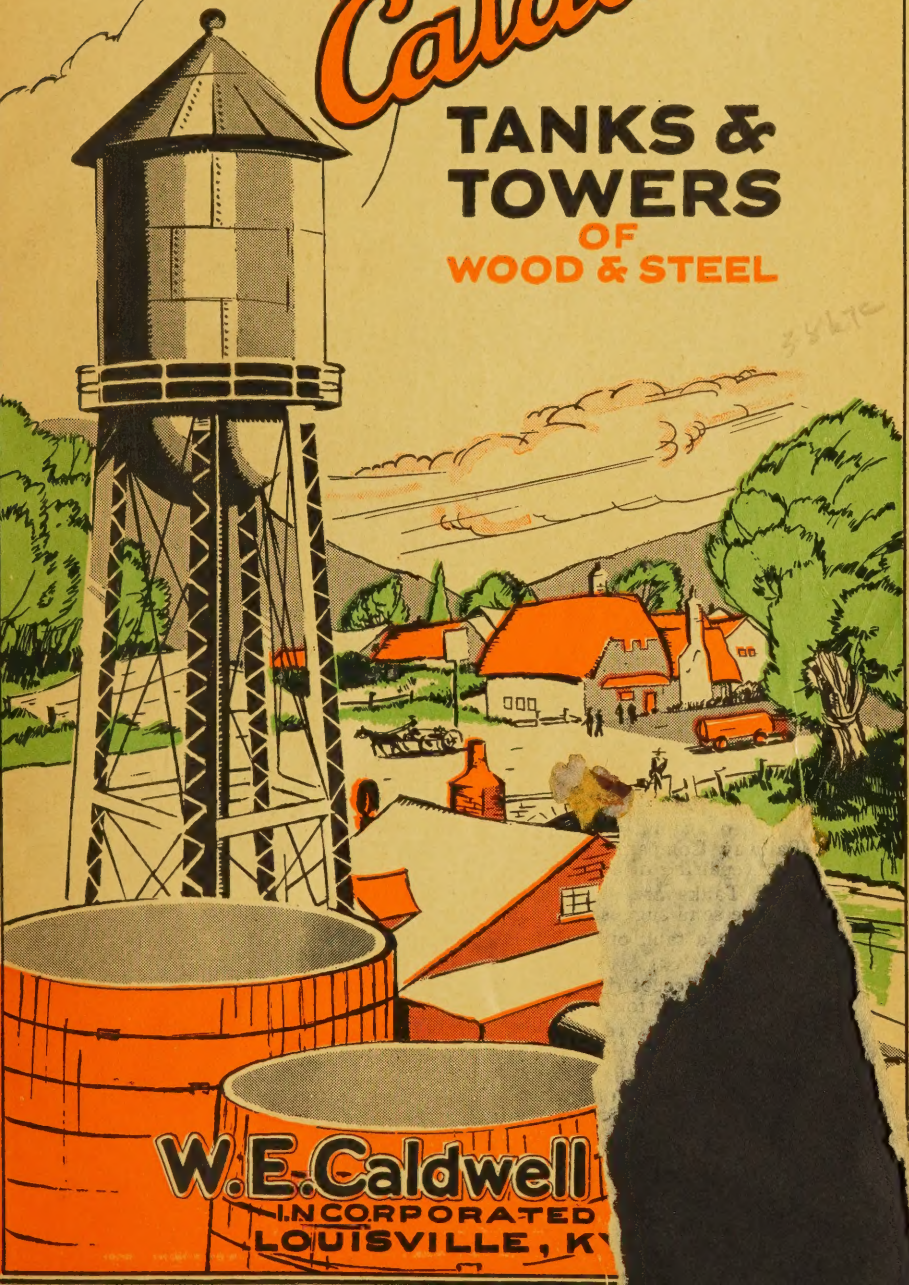
1929

Caldwell

TANKS & TOWERS OF WOOD & STEEL



W. E. Caldwell
INCORPORATED
LOUISVILLE, KY

INDEX

Page

2– 9—Round Wood Tanks
9—Tank Hoops and Lugs
10—Insurance Tanks
11–12—Special Tanks
13—Tank Agitators
14–15—Rectangular Wood Tanks
16—Round Wood Tank Covers
17—Tank Indicators or Gauges
18–19—Tank Foundations
20–21—Riveted Steel Tanks
21–22—Welded Steel Tanks
23—Rectangular Steel Tanks
24–26—Galvanized Steel Tanks

Page

27—Insurance Tanks
28–32—Hemispherical Bottom Steel Tanks and Towers
33—Club and Resort Water Works
34–35—Town Water Works
36—Tower Illustrations
37—Standard Tower Tanks
38–39—Latticed Column Towers
40–42—Angle Column Towers
42—Bell Towers
43—Standard Driveways
43–44—Tubular Column Towers
45–48—Piping and Accessories

Inside Back Cover Page—Railroad Tank Fixtures.

TERMS AND CONDITIONS

Prices are subject to change without notice.

Terms are net cash, 30 days from date of shipment, unless otherwise specified.

Where we erect either tanks or towers, final payment is due upon completion of the work.

If customers do the erecting, we require payment to be made in the time agreed upon, whether the erection has been completed or not.

Our responsibility for delivery ceases when we secure a signed bill of lading from the Transportation Company for goods received in good order.

Customers must look to the R. R. Co. for any loss due to delay in delivery or damage sustained in transit. We are always glad to file claims for them when desired.

Claims must be made within 15 days after receipt of the goods.

If goods are not as ordered, or will not go together properly, customer must notify us and we will promptly ship correct parts or authorize him to have trouble corrected.

No claims for repairs of any kind, or for the replacing of materials, will be allowed unless we authorize same.

All Galvanized Steel Tanks that we ship set up, are carefully tested to see that they are water-tight before being shipped, and purchasers are cautioned to examine such tanks thoroughly before accepting them from the Railway Company, as we cannot allow any charges for resoldering the[illegible]r repairing of any other kind.

[illegible] Tanks are shipped knocked down and well crated; when re-q[illegible]e send suggestions explaining how erection should be done.

[illegible] a tank or tower and setting it up, constitutes an acceptance

[illegible]ccept the return of any goods, as all tanks, towers, etc., are [illegible] for each order.

[illegible] ordered without details being specified, we will furnish [illegible]table, and at our regular prevailing prices.

[illegible]he completion of work in a specified time are subject [illegible] of Transportation Companies, breakage of machinery, [illegible]es beyond our control.

Caldwell TANKS AND TOWERS

1929

FORTIETH ANNUAL EDITION

W. E. CALDWELL, President — W. S. BRENTLINGER, Treasurer
W. E. CALDWELL, Jr., Vice Pres. — KNOLEN E. WHITE, Secretary

Established 1887 — Incorporated 1892

SERVICE

FIRST of all we build service right into the tanks themselves. We are not satisfied with that, however, and make every effort to give you something more.

We gladly give, without charge, technical advice on the selection or use and designs for special installations, including any mechanical equipment. We are peculiarly fitted to do this as we make both wood and metal tanks as well as friction clutches, pulleys, gears, etc., all in our own shops.

We try to sell you only the kind of equipment best suited to your purpose and make our prices to include the freight, and when required the erection also.

We answer your letters promptly and after receiving the order put it through our shops as quickly as is consistent with good workmanship. We carefully crate and then route our shipments to go the quickest way and trace them with a tracing service of our own.

Last but not least we make sure of your satisfaction and handle any complaints promptly and fairly.

We have not attempted to list all the different kinds of tanks and towers we manufacture, in the limited space of this catalogue, but only the standard types and to indicate a few of the others. We will be glad to quote you on anything in our line whether it is illustrated herein or not.

COLUMBIA UNIVERSITY

We'll Treat You Right

Caldwell TANKS AND TOWERS

WOOD TANKS

The life and tightness of a wood tank depends on the use of proper materials, design and workmanship. We own Cypress timber in Louisiana and cut it in our own mill and so insure proper materials. During our forty years of making tanks we have developed the best designs and learned what to do and what not to do to insure long life in a wood tank.

A wood tank has certain advantages over other kinds. It requires less care and painting, it gives better protection from freezing and heat, and for use with hard or corrosive waters, will last longer than steel. It is also used for holding a great many chemicals where metals would be entirely unsuitable.

A properly made wood tank should hold most liquids without any foreign matter or splines in the joints. The necessity of using other than a wood to wood joint indicates faulty manufacture or erection except for certain acids and fats.

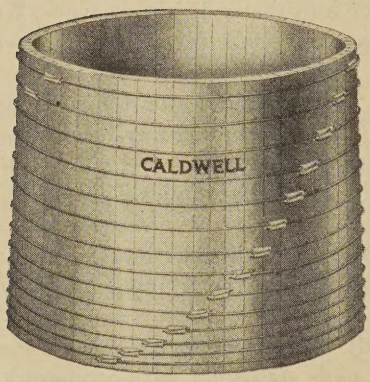
LININGS

We are prepared to line either round or rectangular tanks with Lead, Copper, Monel Metal, the Acidproof Bronzes, Rubber or any other lining required.

For Rectangular Wood Tanks see pages 14 and 15

ROUND WOOD TANKS

See prices on pages 6, 7, 8, and 9



A round tank should be used wherever possible in preference to other shapes, for its construction and bracing is much simpler and therefore it costs much less to make and erect.

SIZES

We can make any size of tank you want, but, as a matter of economy, it is best to select from the sizes that are cut from standard lengths of lumber. The sizes which are most in demand are listed on pages 6, 7, 8 and 9, and the standard sizes are printed in heavy type.

HOOPS

Standard hoops are wrought iron but Brass, Galvanized, Lead Covered, Bronze, Monel Metal or other kinds can be furnished.

KIND OF WOOD

CYPRESS—Red Gulf Cypress is easily the best tank wood for general use on account of its great durability. It is our specialty and we were the first to use it in the manufacture of tanks. Our own experience and the records of railroad tanks show that woods which last well in their native climate do not always do well in other parts of the country. Cypress is about the only wood known that has the same lasting qualities in all parts of the country, probably because it grows in the water under most adverse conditions, and it has therefore acquired greater natural resistance.

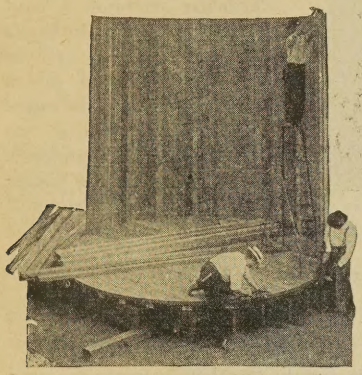
Cypress is the best for water, either hot or cold, as it does not swell or shrink as much as other woods. It resists the action of alkalis, many acids, and other chemicals better than other woods, and is therefore largely used in chemical and allied trades. Cypress gives off no color, taste or odor and on this account is especially suited for holding drinking water, cider, vinegar, fruit syrups, or other food products.

Caldwell TANKS AND TOWERS

ROUND WOOD TANKS—Continued

FIR—Fir has many of the qualities of Cypress, both for water and for chemicals. Its life is somewhat shorter but as it costs less it is recommended when something less expensive than Cypress is wanted. It is accepted by all the fire insurance bureaus for sprinkler tanks.

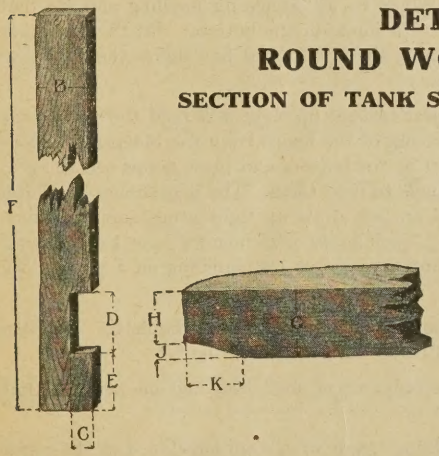
YELLOW PINE—Long Leaf Yellow Pine is furnished only in our special tank grade cut to our own specifications. Do not confuse it with the grades used in cheap yellow pine tanks. It is used chiefly in industrial tanks of large size, which require greater thickness of material, such as paper mill tanks. It is also used for holding certain acids and chemicals, particularly sulphuric acid.



CONSTRUCTION

The bottom pieces are dressed, ripped, machine jointed and well doweled. The edges are chamfered for the croze or groove in the staves but left a little thicker to allow for possible shrinkage before erecting. A thin shaving must be taken off with a hand-plane in erecting to make a driving fit with the croze in the staves. The staves are dressed, ripped, and machine jointed and croze or groove cut to suit the circle of the bottom and the taper of the tank. (See cut of detail below).

The hoops, usually round, are wrought iron instead of steel so they will not rust as easily. The proper number and size are carefully calculated to give ample strength with a factor of safety of four to one. They are cut to the exact lengths necessary to suit the taper of the tank and are bent to the proper circle. The threads are machine cut, not rolled on, and the hoops are full size throughout. The connecting lugs are of malleable instead of cast iron and the necessary nuts are furnished.



DETAILS
ROUND WOOD TANKS
SECTION OF TANK STAVES AND BOTTOMS

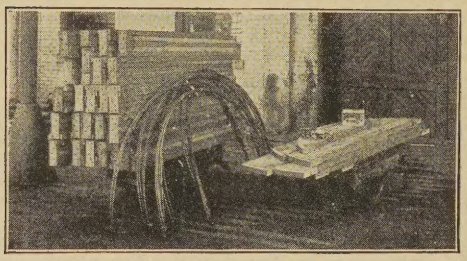
Showing Finished Measurements in Inches

Thickness in rough	1 1/2"	2"	2 1/2"	3"	4"	6"	8"
B—Finished thickness of staves	1 3/8"	1 3/4"	2 1/4"	2 3/4"	3 1/2"	5 1/2"	7 1/2"
C—Depth of croze	3/8"	1/2"	5/8"	5/8"	3/4"	7/8"	1"
D—Width of croze	1 1/8"	1 5/8"	2"	2 1/2"	3 3/8"	5 3/8"	7 3/8"
E—Length of chime	3 3/8"	3 3/8"	3 1/2"	3 1/2"	3 5/8"	4 5/8"	5 1/8"
G—Finished thickness of bottom	1 3/8"	1 7/8"	2 3/8"	2 7/8"	3 5/8"	5 1/2"	7 1/2"
H—Thickness of beveled edge	1 5/32"	1 21/32"	2 5/32"	2 17/32"	3 13/32"	5 13/32"	7 13/32"
J—Thickness of bevel	7/32"	7/32"	11/32"	11/32"	7/32"	3/32"	3/32"
K—Length of bevel	1 3/8"	1 3/8"	1 3/8"	1 3/8"	1 3/8"	1 3/8"	1 3/8"

ROUND WOOD TANKS—Continued

MARKING

The bottom pieces of all tanks are marked and numbered, as are the hoops, but the staves are not, as they will go in anywhere they are placed, it only being necessary to fit the last stave. We always send a few inches extra in width so this can be done. A Blue Print plan is supplied showing how to space the hoops so that each will bear the strain it is calculated for and no more.



METHOD OF CRATING

Particular attention is paid to the crating of our Tanks, as shown in illustration, and to having all crates and pieces plainly stenciled with the name and destination, so that we have a minimum of complaints of broken crates or lost pieces, although many of our shipments are to points in New England, Canada and west of the Mississippi. For export all parts are boxed.

ERECTION

Be sure the foundation is strong and rigid enough for the load and will support the bottom only. The staves must have at least one half inch clearance on all sides.

Lay bottom according to marks and drive tightly together so joints are good the full length. Dress a thin shaving off the top edge of bottom to make a driving fit with the croze in staves. (See cut page 3).

Drive staves close onto bottom and up tight against each other edgewise taking care not to jar loose other staves. Make no allowance for swelling and see that joints in staves do not come in line with joints in the bottom. Fit the last stave exactly into the space left. By selecting the last four or five staves the last stave will need little fitting.

A rope thrown around the top and twisted up tight will hold the tank while putting on the hoops. Mark the spacing of the hoops from the blueprint on four or five staves around the tank. Start at the bottom and place hoops according to the marking, using staples or small nails to hold them. The lugs should be placed spirally around the tank. When all are set, draw up tight using only an 8 inch wrench for $\frac{5}{8}$ inch hoops, 10 inch for $\frac{3}{4}$ inch hoops or 15 inch for $\frac{7}{8}$ or 1 inch hoops. After hoops are on bring staves to an even surface by pounding on a wood block held against the staves.

The tank should be filled as soon as possible after it is completed. It often takes several days after tank is filled before all joints swell tight.

Paint tank two coats on outside only, using good lead and oil paint. Paint hoops one coat before erection.

CAUTION—Never put any caulking, paint or foreign substance in the joints and do not paint the tank on the inside.

Caldwell TANKS AND TOWERS

KEY TO PRICE LIST OF ROUND WOOD TANKS

Tell Us — Capacity in gallons, not in barrels; or state inside diameter and inside depth, or outside height, thickness and kind of lumber and intended purpose; also if a Cover (P. 16), Gauge (P. 17), Tower (P. 37-44), or other articles, are wanted.

Taper — All Tanks are regularly built with a taper of one inch to the foot, but tanks without taper can be furnished at a slight additional cost.

Capacities — Are based on straight staves, viz., Tanks without any taper. The capacity of tanks as regularly furnished is therefore somewhat less than the listed capacities.

Dimensions — Are given for inside measurements for both diameter and depth; for outside length of stave add for 1½ inch lumber 4½ inches; 2 inch, 5 inches; 2½ inch, 5½ inches and for 3 inch, 6 inches. This allows us 2 inches for squaring up the ends of the lumber, viz., 12 foot lumber will be finished up 11 feet 10 inches long, etc.

Standard Sizes — Tanks listed are the standard sizes that cut to best advantage from standard lengths of lumber, which comes in lengths of even feet. We can supply tanks of any other sizes that may be required.

Material — Is Cypress, Fir and Long Leaf Yellow Pine. We can furnish other woods if required.

When to Use Each — See Pages 2 and 3.

Thicknesses Used — Cypress is furnished in 1½, 2, 2½, 3 and 4 inch; Fir in 2, 2½, 3 and 4 inch; Yellow Pine in 4, 6, 8, and 10 inch.

Thicknesses Recommended — Cypress and Fir, 2 inch for tanks not over 14 feet 0 inch diameter and 13 feet 5 inches deep (although 1½ inches may be used for tanks under 8 feet 0 inch diameter by 7 feet 5 inches deep); 2½ inch for tanks 16 to 20 feet diameter inclusive and 3 inch for larger sizes; 2½ inch may be used for staves with 3 inch bottoms up to 24 feet diameter by 19 feet 4 inches deep.
Note.—The above is for ordinary purposes. Thicknesses must be increased for special purposes and for some uses 4 inch Cypress is required of which we carry a large stock.
Long Leaf Yellow Pine tanks are usually 4, 6 and sometimes 8 and 10 inches thick.

Splicing — Staves and bottom boards longer than 16 ft. may be spliced.

Discounts — Discounts and freight rates will be quoted on application; or we will name net delivered prices if size of tank is given.

Hoops and Lugs — Round hoops with lugs are standard and are furnished unless otherwise specified. Round hoop sections are not over 20 to 22 feet long and one lug is furnished for each section.

Galvanized Hoops and Lugs — These hoops and lugs either round or flat can be furnished galvanized at a slight additional cost.

Shipping Weights — Are the same for Cypress, Fir, White Pine, White Cedar and Poplar. Long Leaf Yellow Pine weighs about 40 per cent more than Cypress.

Method of Shipment — Tanks are never put together at the factory, but are got out from standard templets and shipped knocked down, and well crated. Enough staves are sent to allow for dressing off and fitting in the last one. Hoops are cut to lengths and a plan supplied showing how to space them. See Page 4.

Erection — We will quote prices erected where desired—state how high above ground tank will go and whether on trestle or a building.

Foundation Plans — We can furnish customer plans for building foundations for tank to suit any conditions. Standard plans for tank foundations on the ground furnished without extra cost.

Other Prices — Prices for Plain Round Tanks are listed on Pages 6, 7, 8 and 9. Prices for other styles illustrated or any other kind wanted, will be quoted on application.

Caldwell TANKS AND TOWERS

LIST PRICES OF ROUND TANKS

Cypress and Fir

See description on Pages 2, 3 and 4 and Key to Price List on Page 5.
See prices of Covers, etc., on Pages 16 and 17.

Number	Gallons (No Taper) / Tapered Slightly Less	Inside Diameter Ft. In.	Inside Depth Ft. In.	Number of Hoops	Weights and List Prices on Wood Tanks: 1½ In. Cypress Shipping Weight Lbs.	1½ In. Cypress Price f. o. b. Louisville	2 In. Cypress Shipping Weight Lbs.	2 In. Cypress Price f. o. b. Louisville	2 In. Fir Shipping Weight Lbs.	2 In. Fir Price f. o. b. Louisville
1	127	3.0	2.5	3	157	$16.68	199	$21.69	199	$16.89
2	158	"	3.0	3	173	18.57	221	24.14	221	18.79
3	180	"	3.5	4	199	21.06	251	27.38	251	21.33
4	174	3.6	2.5	3	182	19.62	234	25.50	234	19.88
5	216	"	3.0	3	202	21.87	260	28.43	260	22.08
6	246	"	3.5	4	231	24.72	295	32.13	295	25.04
7	226	4.0	2.5	3	214	22.05	274	28.67	274	22.69
8	281	"	3.0	3	236	24.51	304	31.86	304	25.20
9	321	"	3.5	4	268	27.69	344	36.00	344	28.51
10	413	"	4.5	4	312	32.64	404	42.44	404	33.54
11	288	4.6	2.5	3	244	25.35	314	32.96	314	26.00
12	357	"	3.0	3	268	27.99	346	36.39	346	28.68
13	407	"	3.5	4	306	31.56	392	41.03	392	32.33
14	526	"	4.5	4	356	36.99	458	48.09	458	37.85
15	501	5.0	3.5	4	345	34.29	443	44.58	443	36.60
16	587	"	4.0	4	373	37.11	479	48.24	479	39.62
17	648	"	4.5	4	407	40.35	521	52.46	521	43.02
18	794	"	5.5	5	474	46.98	608	61.08	608	50.16
19	317	6.0	1.5	2	279	26.52	357	34.47	357	27.79
20	422	"	2.0	3	327	30.90	417	40.17	417	32.36
21	527	"	2.5	3	359	34.20	461	44.46	461	35.84
22	720	"	3.5	4	440	41.73	562	54.26	562	43.58
23	845	"	4.0	4	472	45.03	606	58.55	606	47.06
24	934	"	4.5	4	514	48.81	658	63.45	658	51.08
25	1145	"	5.5	5	602	56.88	768	73.95	768	59.41
26	1356	"	6.5	6	684	64.56	872	83.93	872	67.33
27	1567	"	7.5	7	770	72.51	980	94.26	980	75.55
28	1778	"	8.5	7	836	79.11	1068	102.84	1068	82.51
29	1989	"	9.5	8			1176	113.25	1176	90.81
30	1096	6.6	4.5	4	563	53.46	721	69.50	721	55.95
31	1344	"	5.5	5	657	62.16	839	80.81	839	64.91
32	*1592	"	6.5	6	742	70.35	950	91.46	950	73.34
33	1840	"	7.5	7	839	79.08	1069	102.81	1069	82.38
34	2088	"	8.5	7	909	86.13	1163	111.98	1163	89.82
35	2336	"	9.5	8			1381	123.29	1381	98.78
36	1271	7.0	4.5	4	616	58.59	790	76.17	790	61.29
37	1659	"	5.5	5	717	67.86	917	88.22	917	70.90
38	1847	"	6.5	6	819	77.10	1042	100.23	1042	80.46
39	2135	"	7.5	7	912	85.95	1162	111.74	1162	89.58
40	2423	"	8.5	7	997	94.02	1271	122.22	1271	98.08
41	2711	"	9.5	8			1404	134.90	1404	108.07
42	1790	7.6	5.5	5	775	73.50	991	95.55	991	76.76
43	2120	"	6.5	6	884	83.34	1128	108.35	1128	86.97
44	2450	"	7.5	7	985	92.73	1255	120.56	1255	96.61

Sizes printed in black type are the standard sizes for the capacity mentioned.

Write for discounts and freight rates or state size of tank wanted, and we will quote net delivered prices.

LIST PRICES OF ROUND TANKS

Cypress and Fir

See description on Pages 2, 3 and 4 and Key to Price List on Page 5.
See prices of Covers, etc., on Pages 16 and 17.

Number	Gallons (No Taper) Tapered Slightly Less	Inside Diameter Ft. In.	Inside Depth Ft. In.	Number of Hoops	Weight and List Prices on Wood Tanks					
					1½" Cypress		2" Cypress		2" Fir	
					Shipping Weight Lbs.	Price f. o. b. Louisville	Shipping Weight Lbs.	Price f. o. b. Louisville	Shipping Weight Lbs.	Price f. o. b. Louisville
45	2780	7.6	8.5	7	1073	$101.34	1371	$131.75	1371	$105.76
46	3110	"	9.5	8			1513	145.28	1513	116.34
47	563	8.0	1.5	2	423	40.35	545	52.46	545	42.13
48	751	"	2.0	3	477	45.42	613	59.04	613	47.52
49	939	"	2.5	3	519	49.62	669	64.50	669	51.95
50	1294	"	3.5	4	635	60.27	815	78.35	815	63.00
51	1656	"	4.5	4	730	69.45	938	90.29	938	72.52
52	2031	"	5.5	5	846	79.92	1082	103.89	1082	83.35
53	2406	"	6.5	6	951	89.94	1217	116.93	1217	93.84
54	2781	"	7.5	7	1067	100.44	1361	130.58	1361	104.68
55	3156	"	8.5	7	1168	109.95	1490	142.94	1490	114.63
56	3531	"	9.5	8			1669	159.71	1669	127.61
57	4281	"	11.5	10			1971	188.30	1971	150.29
58	2299	8.6	5.5	5	909	85.92	1163	111.69	1163	89.60
59	2723	"	6.5	6	1022	96.45	1306	125.39	1306	100.66
60	3148	"	7.5	7	1143	107.64	1459	139.94	1459	112.25
61	3572	"	8.5	7	1251	117.84	1597	153.20	1597	122.89
62	3696	"	9.5	8			1784	170.58	1784	136.46
63	4844	"	11.5	10			2106	201.05	2106	160.52
64	2577	9.0	5.5	5	1037	92.88	1259	120.75	1259	96.76
65	3053	"	6.5	6	1116	104.61	1420	135.99	1420	108.92
66	3529	"	7.5	7	1244	116.34	1580	151.25	1580	120.40
67	4004	"	8.5	7	1357	127.20	1727	165.36	1727	132.36

Number	Gallons (No Taper) Tapered Slightly Less	Inside Diameter Ft. In.	Inside Depth Ft. In.	Number of Hoops	Weight and List Prices on Wood Tanks			
					2" Cypress		2" Fir	
					Shipping Weight Lbs.	Price f. o. b. Louisville	Shipping Weight Lbs.	Prices f. o. b. Louisville
68	4479	9 0	9.5	8	1865	$182.06	1865	$145.56
69	5429	"	11.5	10	2242	213.96	2242	171.18
70	881	10.0	1.5	2	758	72.93	758	58.65
71	1175	"	2.0	3	862	82.76	862	66.29
72	1468	"	2.5	3	934	89.78	934	71.98
73	2006	"	3.5	4	1113	106.67	1113	85.49
74	2592	"	4.5	4	1255	120.51	1255	96.70
75	3182	"	5.5	5	1450	138.96	1450	111.26
76	3770	"	6.5	6	1631	156.05	1631	124.86
77	4357	"	7.5	7	1809	172.85	1809	138.29
78	4945	"	8.5	7	1969	188.30	1969	150.62
79	5532	"	9.5	8	2165	206.70	2165	165.17
80	6706	"	11.5	10	2539	241.95	2539	193.14
81	7880	"	13.5	11	2897	275.93	2897	220.19
82	6100	10.6	9.5	8	2290	218.55	2290	174.71
83	1269	12.0	1.5	2	1004	96.84	1004	77.93
84	1692	"	2.0	3	1133	108.96	1133	87.46
85	2115	"	2.5	3	1217	117.15	1217	94.08

Sizes printed in black type are the standard sizes for the capacity mentioned.

Write for discounts and freight rates or state size of tank wanted, and we will quote net delivered prices.

LIST PRICES OF ROUND TANKS

Cypress and Fir

See Description on pages 2, 3 and 4 and Key to Price List on Page 5.

No.	Gallons (No Taper) Tapered Slightly Less	Bottom Diameter	Inside Depth	No. of Hoops	2-Inch			2½-Inch		
					Shipping Wt. Lbs.	Cypress Price f.o.b. Louisville	Fir Price f.o.b. Louisville	Shipping Wt. Lbs.	Cypress Price f.o.b. Louisville	Fir Price f.o.b. Louisville
86	2891	12′—0″	3′—5″	4	1431	$137.48	$110.28	1941	$215.10	$142.20
87	3737	"	4′—5″	4	1623	156.00	125.16	2202	247.05	161.35
88	4582	"	5′—5″	5	1837	176.36	141.36	2487	274.50	181.80
89	5428	"	6′—5″	6	2050	196.68	157.56	2768	304.95	202.45
90	6274	"	7′—5″	7	2284	218.87	174.91	3071	336.45	224.10
91	**7110**	"	**8′—5″**	**7**	**2479**	**237.44**	**189.94**	**3327**	**366.65**	**244.75**
92	**7956**	"	**9′—5″**	**8**	**2715**	**259.67**	**207.48**	**3641**	**397.50**	**265.40**
93	9658	"	11′—5″	10	3164	302.18	241.26	4227	459.50	307.70
94	11350	"	13′—5″	12	3637	346.79	276.49	4838	523.20	351.60
95	13042	"	15′—5″	14	4150	395.11	314.53	5494	589.45	398.20
96	7726	12′—6″	8′—5″	7	2602	249.17	199.43	3503	384.35	255.70
97	**8644**	"	**9′—5″**	**8**	**2844**	**272.37**	**217.71**	**3821**	**417.35**	**278.50**
98	**10481**	"	**11′—5″**	**10**	**3316**	**316.64**	**252.87**	**4431**	**482.30**	**322.70**
99	**12317**	"	**13′—5″**	**10**	**3717**	**362.90**	**289.43**	**5069**	**548.30**	**368.30**
100	14153	"	15′—5″	14	4345	413.16	328.90	5750	617.20	416.70

NOTE—Previous prices are for 1½ and 2-inch Tanks, but the following sizes are priced in 2, 2½ and 3 inch. We advise 2½ or 3 inch for tanks 14 feet diameter to 20 feet inclusive, and 3 inch for larger sizes.

See Key to Price List on Page 5.

No.	Gallons (No Taper) Tapered Slightly Less	Bottom Diameter	Inside Depth	Number Hoops		2-Inch		2½-Inch		3-Inch	
						Shipping Wt. Lbs.	Price f.o.b. Louisville	Shipping Wt. Lbs.	Price f.o.b. Louisville	Shipping Wt. Lbs.	Price f.o.b. Louisville
103	8540	14′—0″	7′—5″	7	Cyp.	2766	$264.69	3728	$365.67	4392	$431.85
					Fir	2766	211.80	3728	272.36	4392	321.74
104	9691	"	8′—5″	7	Cyp.	2990	286.22	4031	395.51	4270	467.27
					Fir	2990	229.17	4031	294.66	4270	348.23
105	10843	"	9′—5″	8	Cyp.	3264	311.93	4386	429.71	5162	507.05
					Fir	3264	249.43	4386	320.01	5162	377.77
106	13146	"	11′—5″	10	Cyp.	3835	365.39	5123	500.13	6005	588.47
					Fir	3835	291.57	5123	372.37	6005	438.33
107	**15449**	"	**13′—5″**	**12**	**Cyp.**	**4382**	**416.84**	**5825**	**568.35**	**6822**	**667.68**
					Fir	**4382**	**332.21**	**5825**	**423.06**	**6822**	**497.22**
108	17752	"	15′—5″	14	Cyp.	5038	478.10	6643	646.58	7752	757.14
					Fir	5038	380.02	6643	481.07	7752	563.60
113	11155	16′—0″	7′—5″	7	Cyp.	3308	316.14	4456	436.65	5250	515.82
					Fir	3308	253.00	4456	325.25	5250	384.33
114	12659	"	8′—5″	7	Cyp.	3561	340.40	4802	470.69	5639	556.14
					Fir	3561	272.43	4802	350.57	5639	414.35
115	14163	"	9′—5″	8	Cyp.	3872	369.60	5204	509.42	6125	601.19
					Fir	3872	295.55	5204	379.42	6125	447.89
116	17171	"	11′—5″	10	Cyp.	4578	435.05	6093	594.09	7141	698.57
					Fir	4578	346.74	6093	442.08	7141	520.09
117	**20179**	"	**13′—5″**	**12**	**Cyp.**	**5319**	**503.81**	**7018**	**682.19**	**8193**	**799.26**
					Fir	**5319**	**400.50**	**7018**	**507.46**	**8193**	**594.85**
118	23187	"	15′—5″	14	Cyp.	6062	572.72	7941	770.01	9244	899.88
					Fir	6062	454.45	7941	572.75	9244	669.67
119	**26195**	"	**17′—5″**	**17**	**Cyp.**	.....	.....	**8891**	**899.58**	**10320**	**1049.88**
					Fir	.....	.....	**8891**	**639.38**	**10320**	**745.67**
120	29203	"	19′—5″	20	Cyp.	.....	.....	10774	1043.72	11464	1216.26
					Fir	.....	.....	10774	710.26	11464	825.93

Sizes printed in black type are the standard sizes for the capacity mentioned.

Write for discounts and freight rates or state size of tank wanted, and we will quote net delivered prices.

Caldwell TANKS AND TOWERS

LIST PRICES OF ROUND TANKS

Cypress and Fir

See Description on Pages 2, 3 and 4 and Key to Price List on Page 5.

No.	Gallons (No Taper) Tapered Slightly Less	Bottom Diam.	Inside Depth	No. of Hoops	Shipping Wt. Lbs.	2½-Inch Cypress Price f.o.b. Louisville	2½-Inch Fir Price f.o.b. Louisville	Shipping Wt. Lbs.	3-Inch Cypress Price f.o.b. Louisville	3-Inch Fir Price f.o.b. Louisville
126	18924	18′—0″	9′—4″	8	6226	$621.23	$453.15	7301	$730.01	$533.17
127	21730	"	11′—4″	10	7201	714.83	522.57	8420	838.89	613.30
128	25378	"	13′—4″	12	8211	811.47	594.40	9572	949.70	695.68
129	**29184**	"	**15′—4″**	**15**	**9299**	**916.62**	**669.10**	**10800**	**1068.72**	**780.75**
130	**32990**	"	**17′—4″**	**18**	**10426**	**1065.99**	**750.18**	**12071**	**1241.33**	**872.54**
131	**36796**	"	**19′—4″**	**21**	**11707**	**1239.57**	**838.30**	**13719**	**1465.43**	**971.22**
132	34252	19′—6″	15′—4″	15	10225	1021.65	740.80	11883	1192.86	865.68
133	**38726**	"	**17′—4″**	**18**	**11119**	**1193.33**	**832.91**	**13360**	**1389.62**	**968.84**
134	**43200**	"	**19′—4″**	**21**	**12864**	**1375.07**	**925.02**	**14833**	**1598.61**	**1071.99**
135	22130	20′—0″	9′—4″	8	7208	734.81	523.68	8447	864.59	615.92
136	26830	"	11′—4″	10	8288	838.31	600.52	9686	983.82	704.48
137	31334	"	13′—4″	13	9476	950.97	684.03	11031	1112.16	799.71
138	36035	"	15′—4″	16	10701	1066.70	769.87	12415	1243.79	897.43
139	40725	"	17′—4″	19	12118	1247.69	872.79	13988	1450.10	1011.90
140	45435	"	19′—4″	22	13489	1435.71	961.60	15516	1665.81	1112.43
141	26777	22′—0″	9′—4″	9	.....	.....	.....	9685	1014.90	715.62
142	32464	"	11′—4″	11	.....	.....	.....	11084	1148.94	815.35
143	37914	"	13′—4″	14	.....	.....	.....	12597	1292.70	921.83
144	**43601**	"	**15′—4″**	**17**	.....	.....	.....	**14270**	**1449.56**	**1037.99**
145	**49289**	"	**17′—4″**	**20**	.....	.....	.....	**15942**	**1670.91**	**1153.59**
146	**54976**	"	**19′—4″**	**24**	.....	.....	.....	**17780**	**1921.10**	**1279.83**
147	60663	"	21′—4″	27	.....	.....	.....	19453	2171.76	1433.76
148	45121	24′—0″	13′—4″	15	.....	.....	.....	14330	1500.14	1061.30
149	**51889**	"	**15′—4″**	**18**	.....	.....	.....	**16132**	**1672.28**	**1188.71**
150	58657	"	17′—4″	21	.....	.....	.....	17993	1915.14	1316.21
151	**65426**	"	**19′—4″**	**25**	.....	.....	.....	**20057**	**2193.48**	**1457.94**
152	72194	"	21′—4″	29	.....	.....	.....	22121	2487.50	1640.97
153	**78962**	"	**23′—4″**	**33**	.....	.....	.....	**24484**	**2823.68**	**1850.74**
154	92761	26′—0″	23′—4″	34	.....	.....	.....	27319	3169.38	2072.91
155	70627	28′—0″	15′—4″	20	.....	.....	.....	20249	2159.87	1480.65
156	**79840**	"	**17′—4″**	**23**	.....	.....	.....	**22753**	**2457.24**	**1649.49**
157	89052	"	19′—4″	27	.....	.....	.....	24956	2777.43	1801.60
158	98264	"	21′—4″	31	.....	.....	.....	27768	3153.08	2038.82
159	**107476**	"	**23′—4″**	**35**	.....	.....	.....	**28461**	**3535.31**	**2276.23**
160	81077	30′—0″	15′—4″	20	.....	.....	.....	22261	2440.77	1639.48
161	91653	"	17′—4″	24	.....	.....	.....	24828	2833.70	1815.64
162	**102228**	"	**19′—4″**	**28**	.....	.....	.....	**27828**	**3158.30**	**2025.34**
163	112803	"	21′—4″	32	.....	.....	.....	30634	3538.71	2262.67
164	123379	"	23′—4″	37	.....	.....	.....	33656	3963.45	2528.45

Sizes printed in black type are the standard sizes for the capacity mentioned.
Write for discounts and freight rates or state size of tank wanted, and we will quote net delivered prices.

TANK HOOPS AND LUGS

MALLEABLE IRON ROUND LUGS

	Each
½ inch	$0.36
⅝ inch	.48
¾ inch	.60
⅞ inch	.72
1 inch	.96
1⅛ inch	1.20

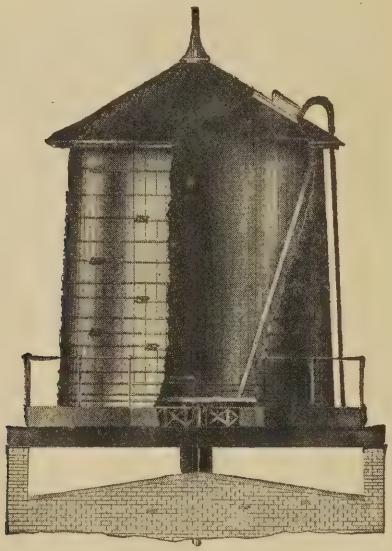
WROUGHT IRON TANK HOOPS—Round or Flat—Prices on application.

Caldwell TANKS AND TOWERS

GRAVITY TANK ON BUILDING TO SUIT INSURANCE REQUIREMENTS

These prices are for tanks built to suit the requirements of either the Factory Mutual Insurance Companies or any of the Stock Companies. Such tanks are required to be built of a certain size for a given capacity and to be provided with round iron (not steel) hoops of a specified number and size. They must be constructed of 2½ inch material if of 20,000 gallons or less, and of 3 inch for larger sizes.

If furnished complete, the tanks must be provided with a Conical Roof, covered with Shingles, Rubberoid or Metal, and an Inside Flat Cover for frost proofing, together with an indicator or Tank Register, an Inside Wooden Ladder, and an Outside Iron Ladder extending three feet above the tank with ends curved over.

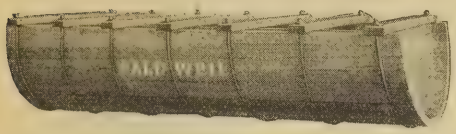


Gallons	Inside Diam., Ft. In.	Inside Depth, Ft. In.	Thickness	No. Round Hoops	Shipping Weight, Lbs.	Price Complete, Tank Only	
						Cypress	Fir
5,000	10—0	9—4	2½	7	2 952	$ 448.45	$ 299.80
7,500	12—6	9—4	2½	8	3,914	591.95	397.50
10,000	12—6	13—4	2½	13	5,254	782.95	530.90
12,000	14—0	11—4	2½	10	5,303	792.70	536.20
15,000	14—0	15—4	2½	14	6,853	1,010.60	689.90
18,000	16—0	13—4	2½	13	7,195	1,063.30	723.75
20,000	16—0	15—4	2½	16	8,173	1,195.30	819.20
25,000	16—0	17—4	3	19	10,613	1,561.50	1,066.20
30,000	18—0	17—4	3	20	12,330	1,814.80	1,244.50
35,000	18—0	19—4	3	24	13,798	2,100.65	1,382.45
40,000	19—6	19—4	3	24	15,734	2,384.35	1,565.35
50,000	22—0	19—4	3	23	18,300	2,777.25	1,829.40
60,000	24—0	19—4	3	26	20,869	3,141.05	2,103.35
75,000	24—0	23—4	3	36	25.634	3 810.15	2,678.10
99,000	30—0	19—4	3	33	29,153	4,296.00	2,929.60
100,000	28—0	23—4	3	42	31,958	4,691.70	3,330.00

Caldwell TANKS AND TOWERS

OTHER KINDS OF TANKS

HALF-ROUND TANKS

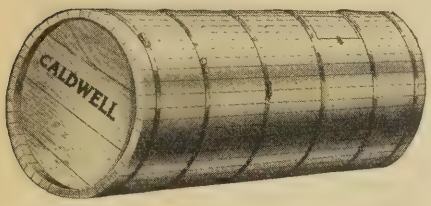


Furnished in any size wanted. State inside dimensions in asking for prices.

ELLIPTICAL TANKS

Furnished in any size. State inside dimensions in asking for prices. Note the short diameter should always be at least a little bit more than half the long diameter or the sides will be too flat for the hoops to hold the tank together.

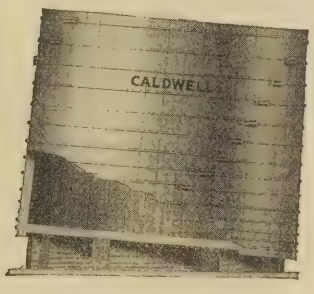
ROUND WAGON TANKS



In asking for prices, be careful to give the outside diameter and length that can be used.

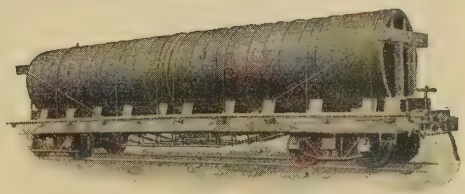
VINEGAR GENERATOR

Furnished complete as shown or Tank only



Tank with Sloping dunnage

CAR TANK

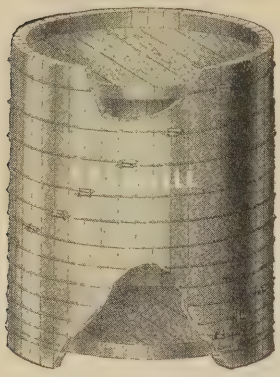


Caldwell TANKS AND TOWERS

INDUSTRIAL TANKS

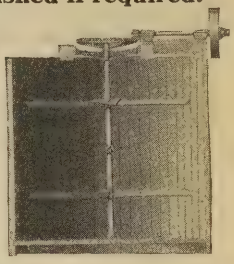
A few other kinds of tanks are illustrated on this and the next page, besides those shown on the preceding pages. We do not attempt to supply a description or price list, as space does not permit. Prompt attention, however, will be given any request for prices or other information.

Monel, Lead, Rubber or other Linings furnished if required.



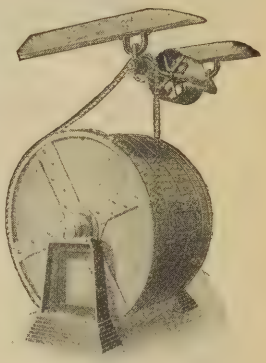
Heavy Yellow Pine Acid Tanks

PAPER MILL TANKS

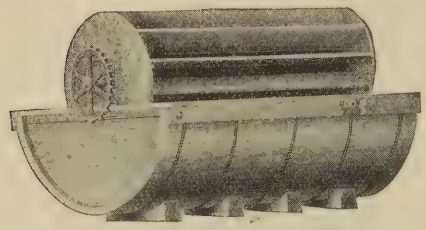


Stuff Chest and Agitator. Also furnished in horizontal types

TANNERS' TANKS

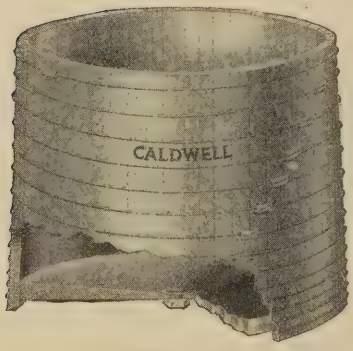


Drum with Drive



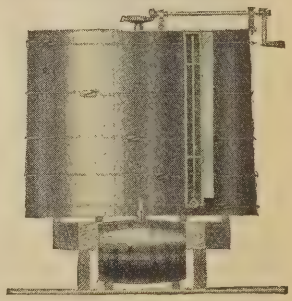
Round End Vat with Paddle Wheel

CANNERS' TANKS



Dished Bottom Tank

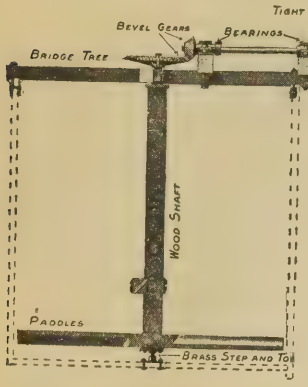
HAND MIXING TANK

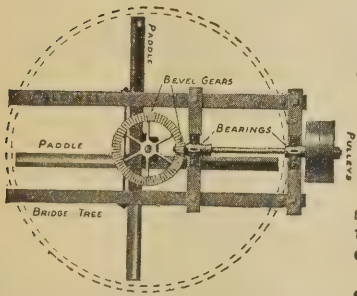


Mixing Tank with Hand Stirring Device and a Glass Gauge to show depth of liquid inside tank.

Gauge is enclosed in box with door.

TANK AGITATORS OR STIRRING DEVICES





Our agitators are thoroughly and substantially made and are designed for mixing, stirring and holding in suspension all sorts of solutions and mixtures including dense and plastic materials.

The standard sizes have dimensions of the machinery and other parts proportioned to the diameters and depths of tanks they are used in, assuring the proper strength for all ordinary purposes. For heavy service we make special designs to suit.

We make these agitators to fit wood or steel tanks.

Our standard design consists of steel shafts and winged stirrer arms, heavy cast iron gears, step and toe bearings, anchors and bolts with longleaf yellow pine millwright timbers across the top of the tank; all framed and finished with all holes bored and bearings set all ready to attach to the tank which any ordinary workman can do even without the blueprints we furnish.

Where the substance to be stirred will injure the ironwork, or be injured by it, we make the vertical shaft and winged stirrer arms of wood and the step and toe bearing, bolts, nuts and washers of brass, bronze, duiron or other acid resisting metal.

The standard drive is by tight and loose pulleys which we furnish in standard sizes unless otherwise specified.

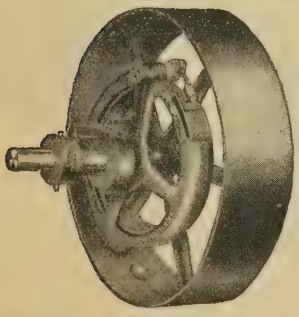
Sprockets or gears may be used or the Caldwell Friction Clutch attached to a single pulley for easy starting and stopping. This clutch is simple in construction, having only one adjustment, and is especially suitable for this purpose.

The speed of the agitators should never exceed 1,000 feet per minute at the ends of the stirring arms but in most cases about one half this speed is ample.

We manufacture all parts of our agitators in our own fully equipped machine, millwright, structural and plate shops, iron and brass foundries.

We manufacture also a complete line of power transmission machinery including shafting, gearing, pulleys, bearings, hangers, etc., and the Caldwell Friction Clutch. Write for our Friction Clutch and Power Transmission Catalogs.

CALDWELL FRICTION CLUTCHES



We have been manufacturing this clutch for a number of years and believe it excels any other on the market. It is made in capacities from 1 to 240 horse power.

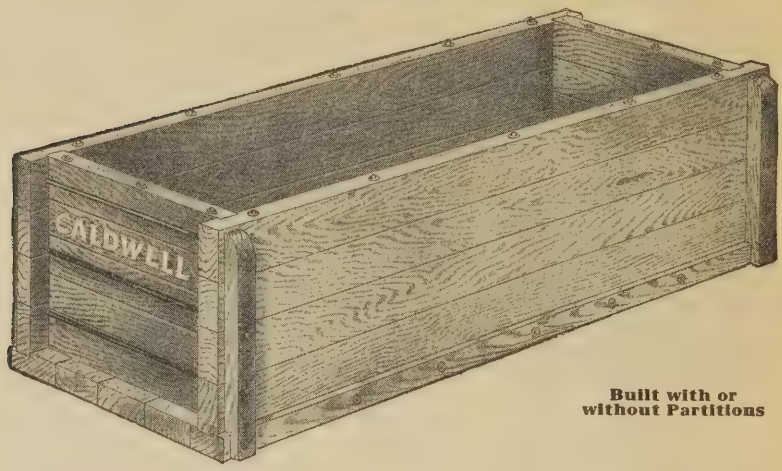
Its notable features are its simplicity, strength, ease and perfection of adjustment and freedom from breakage.

The basic principle is identical with that of the standard automobile service brake; a flexible band lined with asbestos and tightened with a single lever. In practice it has given equal service with that much used and abused device.

There are only eleven parts.

There is only one adjustment. One screw shortens or lengthens the band which gives equal pressure everywhere around the entire circumference of the friction band.

RECTANGULAR WOODEN TANKS



Built with or without Partitions

In the construction of Rectangular Tanks, a greater amount of mechanical knowledge and experience is necessary than in Round Tanks and there is no standard practice that is readily accessible to the uninformed, as with Round Tanks, so that besides ourselves, there are **practically** only one or two other concerns that successfully build this kind of a tank.

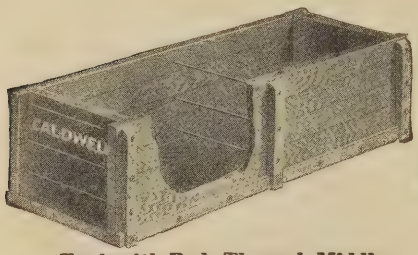
We can furnish this style of tank with or without partitions, false bottoms, etc., or with lead, copper or other lining when required. We can furnish brass, copper, bronze, galvanized, lead covered or Monel Metal rods instead of iron and, when required, we counter-sink the nuts on top and cover with a hardwood coping.

SIZES

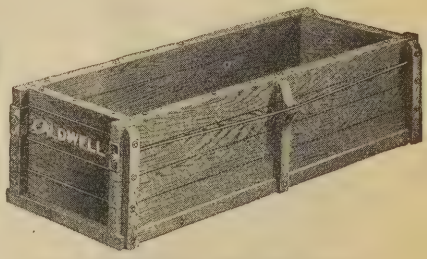
There are so many possible sizes of rectangular tanks that we do not attempt to list them and will quote, on application, prices for any size you wish. Standard lengths of lumber are in even feet and will make rectangular tanks of about one foot less length, so for economy, the odd feet or slightly less should be selected for the length of the tank and the other dimensions to give the required capacity.

KIND OF WOOD

For the kind of wood to use see page 2 under Round Wood Tanks.



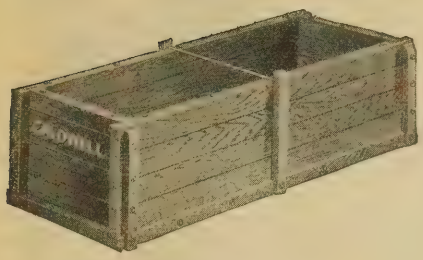
Tank with Rods Through Middle.



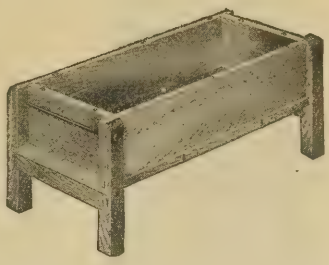
Tank with Outside Bracing Instead of Rods Through Middle

Caldwell TANKS AND TOWERS

RECTANGULAR WOODEN TANKS—Continued



Tank with Rod Over Top



Sink or Washing Vat

CONSTRUCTION

We have been building this style of tank for a great many years and were the first to adopt a standard method of construction which we have reason to believe, from long experience, is about the best possible method.

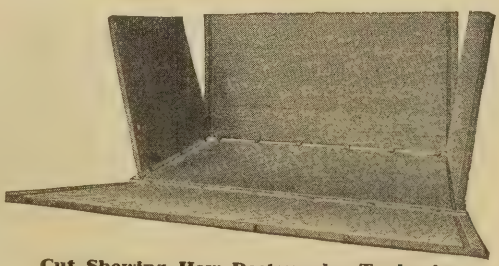
The bottom is crozed (or grooved) to receive the sides and ends and the sides are crozed to receive the ends. This gives a water tight wedged joint even without the pressure of the rods which are used to draw all parts tightly together.

The rodding is thorough and the sizes and spacings are carefully figured out by our engineering department to give a full factor of safety of 4 to 1 with the liquid used so that no bursting is possible.

When the length exceeds certain proportions the sides are braced against bulging. The simplest and best method is by rods through the center of the tank and is used where their presence is not an objection; otherwise, by battens in the center with a rod passing over the top and another through the bottom of the tank. Another method is to truss the sides on the outside by iron rods, or by a wood truss if the iron is objectionable. See illustrations on this and previous page.

SHIPPING AND ERECTION

In shipping Rectangular Tanks the sides, ends, and bottoms are each put together and shipped in one section. All holes for rods are bored and rods put in place with blocks on the ends of the thickness of the part they have to pass through. Customer in receiving Tank has only to take off blocks and nuts and after dressing off a thin shaving on side and ends, which takes only a few minutes, let them down into the groove in the bottom, place the battens in position, put the washers and nuts back in place, and then draw the rods up. The sides and ends are left the least bit thicker than the groove in bottom to allow for shrinkage in transit, and to permit of an exact fit in erecting.

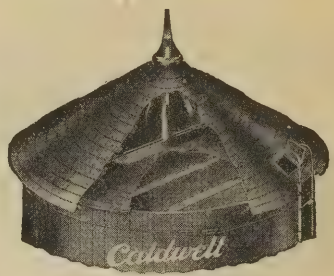


Cut Showing How Rectangular Tanks Are Manufactured Ready to Go Together

Caldwell TANKS AND TOWERS

COVERS FOR ROUND WOOD TANKS

Standard Conical Cover.
Furnished with Rubberoid Roofing, Shingles or Tin.



Conical Cover.
Arranged for Frost Protection with Inside Flat Cover Supported by Joists.

PRICES FOR CONICAL COVERS

Cover for Tank	With Rubberoid Roofing		With Shingles		With Rubberoid Roofing and Flat Cover		With Cypress Shingles and Flat Cover		Plain Flat Cover	
Diameter	Wt. lbs.	Price	Wt. lbs.	Price	Wt. lbs.	Price	Wt. lbs.	Price	Wt. lbs.	Price
5 ft. 0 in.	195	$ 20.67	342	$ 21.45	301	$ 26.16	449	$ 26.91	106	$ 5.49
6 ft. 6 in.	217	22.95	380	23.85	335	29.01	498	29.91	118	6.06
8 ft. 0 in.	327	34.38	540	35.52	482	42.33	695	43.47	155	7.95
10 ft. 0 in.	485	45.45	750	46.89	734	61.29	999	62.73	249	15.84
12 ft. 6 in.	832	62.10	1175	64.02	1271	83.55	1614	86.55	439	21.45
14 ft. 0 in.	1117	74.91	1500	77.07	1657	103.44	2040	105.60	540	28.53
16 ft. 0 in.	1249	98.31	1810	101.46	1942	133.89	2503	137.04	693	35.58
18 ft. 0 in.	1612	118.17	2300	121.98	2467	162.06	3135	165.87	855	43.89
19 ft. 6 in.	1926	136.95	2625	140.91	2948	189.39	3647	193.35	1022	52.44
22 ft. 0 in.	2161	176.88	3200	182.64	3631	244.80	4670	250.56	1470	67.92
24 ft. 0 in.	2491	232.08	4040	240.45	4221	312.00	5770	320.37	1730	79.92
26 ft. 0 in.	2991	288.06	5050	298.89	4864	374.58	6923	385.44	1873	86.52
28 ft. 0 in.	3716	356.40	6350	370.11	5901	457.35	8535	471.06	2185	100.95
30 ft. 0 in.	4750	452.13	8100	469.41	7425	576.03	10775	593.31	2675	123.90

Intermediate sizes take next higher list.

TANK LADDERS

Inside Wood Ladders and Outside Iron Ladders are a great convenience on any Tank. Prices on Outside Iron Ladders include ladder curves for Tanks with Conical Covers or a 3 foot extension above for Tank without Conical Cover. Prices of Towers include Outside Iron Ladders.

Depth of Tank	Inside Wood Ladder		Outside Iron Ladder		Depth of Tank	Inside Wood Ladder		Outside Iron Ladder	
	Wt. lbs.	Price	Wt. lbs.	Price		Wt. lbs.	Price	Wt. lbs.	Price
5 ft. 5 in.	24	$ 1.34	45	$10.13	17 ft. 5 in.	72	$ 3.96	99	$22.28
6 ft. 5 in.	28	1.56	50	11.25	19 ft. 5 in.	80	4.40	108	24.30
7 ft. 5 in.	32	1.76	54	12.15	21 ft. 5 in.	88	4.80	117	26.33
8 ft. 5 in.	36	1.98	59	13.28	23 ft. 5 in.	96	5.27	126	28.35
9 ft. 5 in.	40	2.21	63	14.18	25 ft. 5 in.	104	5.72	135	30.38
11 ft. 5 in.	48	2.64	72	16.20	27 ft. 5 in.	112	6.15	144	32.40
13 ft. 5 in.	56	3.09	81	18.23	29 ft. 5 in.	120	6.60	153	34.43
15 ft. 5 in.	64	3.51	90	20.25					

Caldwell TANKS AND TOWERS

TANK GAUGES

Mercury Tank Indicator.

MERCURY TANK INDICATOR

It is connected to the tank by a small pipe, or can be connected to any existing pipe leading directly to the tank where the velocity of the water is not great enough to decrease the pressure.

Price each without mercury.....$96.00
Price of Mercury on application.

INDICATOR, GAUGE AND FLOAT

This Gauge is of wood, laid off in feet and parts of a foot, having a white background with three-inch figures painted thereon in black and is furnished with a brass chain for attaching the sliding gauge and a copper ball float with pulleys over which the chain runs.

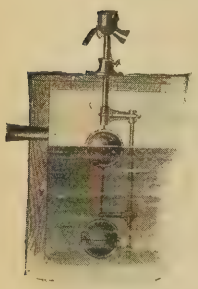
This is neat and substantial and inexpensive.

Indicator, Gauge and Float.

Price List for Indicator Gauge and Float for Wood Tanks

For Tanks 6 ft. and less in height	$ 7.05
For Tanks 7 ft. to 8 ft. in height (inclu.)	8.82
For Tanks 9 ft. to 10 ft. in height (inclu.)	11.46
For Tanks 11 ft. to 14 ft. in height (inclu.)	15.00
For Tanks 15 ft. to 18 ft. in height (inclu.)	19.41
For Tanks 19 ft. to 20 ft. in height (inclu.)	22.92
For Tanks 21 ft. to 24 ft. in height (inclu.)	26.46
For Tanks 25 ft. to 26 ft. in height (inclu.)	31.74
Extra for open top steel tank	2.25
Extra for steel tank with cover	6.75

CALDWELL'S TELL-TALE FLOATS

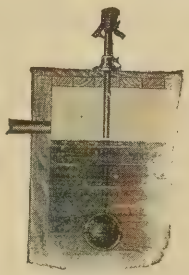


No. 1.

High and Low Water Floats for Closed Tanks.

No. 2.

High and Low Water Floats for Open Tanks.



No. 3.

Low Water Floats.

No. 4.

High Water Floats.

Price List of Floats with One Foot of Stem

No wiring or batteries included.

No. 1. For High and Low, closed tank	$23.40
No. 2. For High and Low, open tank	23.40
No. 3. For Low Hater, open or closed tank	13 65
No. 4. For High Water, open or closed tank	13.65
Extra lengths of stem on single or double floats per foot,	.78

State distance you want floats below top end of stave.
Write for discounts; also special, illustrated, descriptive circular.

TANK FOUNDATIONS

On the Ground or on Buildings

The importance of adequate and properly designed foundations is not fully appreciated by most people. *Poor foundations cause a great many tanks to leak.*

There are three cardinal principles to be observed in designing foundations.

1st. The weight must be supported from the bottom only. The staves of wooden tanks must not carry any of the load and where the tank is to rest on a level surface it is best to use dunnage or sub-joists as listed below which will support the bottom and raise the ends of the staves free.

2nd. The supporting pieces under the bottom must not be spaced over eighteen inches apart or preferably less and the bottom boards of wood tanks must run across the dunnage or joist supporting them.

3rd. The foundations must extend below the frost line when on the ground.

Realizing to what an extent the success of a tank depends on its foundation, we have made a careful study of tank foundations and have developed a series of standard designs which are not only of the proper strength but which contain the least amount of material that will develop this strength. The material has been put in the shape and place where it will do the most good.

We will furnish, when desired, a detail plan of foundations on the ground for the standard tanks we sell without extra cost and you can furnish your own materials or we can furnish the necessary wood joist and bridging cut to the proper lengths and ship them with the tank. See prices on the opposite page.

The placing of a tank on a building is a dangerous proceeding unless certain precautions are taken. If the building has not been especially designed to carry a tank, it should be examined and passed on for strength of walls, etc., by some reliable engineer or architect before attempting to put a tank on it. Any new brick work required should be set in cement mortar. The foundation itself is very important and should be designed *only* by some competent engineer *familiar with tank work*, as we find the *average* architect or engineer has not had the experience required, nor given the subject the close thought it deserves.

The design of tank supports has problems not usually found in other branches of engineering.

We are frequently asked to quote on designs of others and in most cases we either find some part of the structure too weak or, if of ample strength, the material was not placed economically. In a recent case our design cost less than one-half of that of the architect and was of equal strength.

Only round hoops should be used with a wood tank on a building.

Prices on application.

DUNNAGE OR SUB-JOISTS FOR TANKS

These prices are for the sub-joists only. Customers are sure of having these timbers fit the tank if ordered of us.

These are of Special Grade Long Leaf Southern Yellow Pine, cut to the proper circle to suit diameter of Tank, and are painted one coat.

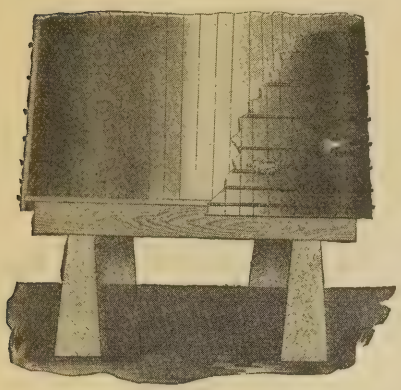
Prices on Sub-Joists

Inside Diam. of Tank	Weight Lbs.	Price	Inside Diam. of Tank	Weight Lbs.	Price
4 ft.	36	$ 2.97	14 ft.	495	$19.32
5 ft.	48	3.21	16 ft.	648	25.26
6 ft.	60	3.51	18 ft.	807	31.47
7 ft.	102	3.99	20 ft.	921	35.91
8 ft.	120	4.68	22 ft.	1137	44.34
10 ft.	273	10.65	24 ft.	2100	81.90
12 ft.	327	12.75	.....	.....	.....

Write for Discounts

Caldwell TANKS AND TOWERS

TANK FOUNDATIONS ON THE GROUND



The illustration shows our standard foundation for tanks on the ground. It consists of concrete walls with wood joists across them and have been designed so that no dunnage is necessary.

We give below prices on the woodwork only for these foundations which is of Special Grade Long Leaf Southern Yellow Pine cut to the proper lengths to suit.

Prices on Wood Joists Only

We send plans and specifications for the concrete foundation walls.

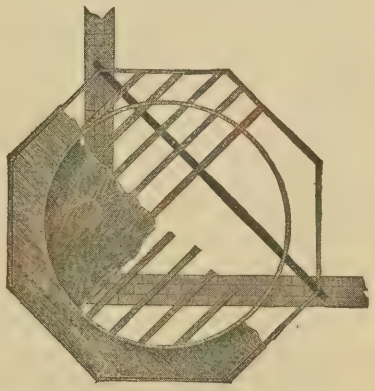
Inside Diam. of Tank	Weight Lbs.	Price	Inside Diam. of Tank	Weight Lbs.	Price
6 ft. 0 in.	147	$ 6.84	12 ft. 6 in.	945	$ 43.95
6 ft. 6 in.	162	7.53	14 ft. 0 in.	1221	56.79
7 ft. 0 in.	171	7.95	16 ft. 0 in.	1680	78.12
7 ft. 6 in.	180	8.37	17 ft. 0 in.	2085	96.96
8 ft. 0 in.	228	10.61	18 ft. 0 in.	2172	101.00
9 ft. 0 in.	324	15.04	20 ft. 0 in.	2310	107.42
10 ft. 0 in.	441	20.51	22 ft. 0 in.	2997	139.37
12 ft. 0 in.	918	42.69	24 ft. 0 in.	3213	149.40

Write for Discounts

STANDARD DUNNAGE OR SUB-JOISTS

Cut shows tank bottom being laid on Dunnage. Circle of Dunnage should be about 4 inches less than tank bottom.

TANK FOUNDATION ON BUILDING

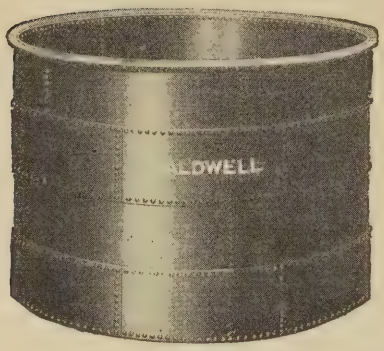


On Corner Walls

Caldwell TANKS AND TOWERS

HEAVY STEEL TANKS AND COVERS

For Storage of Water, Oil, Turpentine, Etc.



STANDARD SIZES

Prices on Application

Gallons	Diameter In Feet	Height In Feet	Shipping Weight Tank only	Gallons	Diameter In Feet	Height In Feet	Shipping Weight Tank only
376	4.0	4.0	395	27070	16.0	18.0	9513
588	5.0	4.0	513	26646	18.0	14.0	12237
846	6.0	4.0	697	30453	18.0	16.0	13488
1057	6.0	5.0	801	34259	18.0	18.0	14740
1268	6.0	6.0	905	38066	18.0	20.0	15992
1691	6.0	8.0	1113	37600	20.0	16.0	15522
1612	6.6	6.6	1051	42300	20.0	18.0	16910
1880	8.0	5.0	1138	47000	20.0	20.0	18298
2256	8.0	6.0	1276	45493	22.0	16.0	17216
3008	8.0	8.0	1551	51179	22.0	18.0	18734
3760	8.0	10.0	1826	56866	22.0	20.0	20242
3524	10.0	6.0	1679	62553	22.0	22.0	21750
4699	10.0	8.0	2023	60908	24.0	18.0	20820
5874	10.0	10.0	2368	67676	24.0	20.0	22463
7049	10.0	12.0	2712	74444	24.0	22.0	24105
6767	12.0	8.0	3950	81211	24.0	24.0	25747
8459	12.0	10.0	4359	95311	26.0	24.0	30453
10151	12.0	12.0	4979	106254	26.0	26.0	31902
11843	12.0	14.0	5599	119751	28.0	26.0	34793
13816	14.0	12.0	5983	128962	28.0	28.0	36908
16118	14.0	14.0	6705	126895	30.0	24.0	36123
18047	16.0	12.0	7037	137470	30.0	26.0	37906
21055	16.0	14.0	7862	148044	30.0	28.0	39596
24062	16.0	16.0	8688	158619	30.0	30.0	42025

We recommend for ordinary water tanks 10′x12′ and under to be made of at least $\frac{1}{8}$-inch steel, 12′x8′ to 16′x18′ of $\frac{3}{16}$ or $\frac{1}{4}$-inch, 18′x14′ to 24′x24′ of $\frac{1}{4}$-inch and larger sizes of $\frac{1}{4}$″ and $\frac{5}{16}$″.

We supply these Steel Tanks thoroughly knocked down, well finished and punched for rivets, with rivets to put them together. All pieces are plainly marked and we furnish blue prints showing how tanks go together.

Write for Net Prices, including freight to your city.

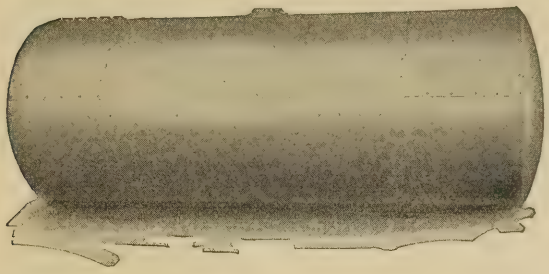
We can figure on erecting these tanks, where desired.

We build these tanks in any other size and thickness wanted.

Caldwell TANKS AND TOWERS

HORIZONTAL STEEL STORAGE TANKS

Riveted and Welded, or Riveted Construction



For the storage of gasoline, oils or other liquids above or below ground.

PARTIAL LIST OF SIZES

No.	Capacity	Diameter	Length	Thickness of Plate		Approx. Weight Lbs.	Underwriters' Label Service	List Price Each
				Shell	Heads			
20	2200	5′—0″	15′— 4″	¼″	¼″	3280	U	$ 322.00
22	2934	"	20′— 4″	¼″	¼″	4210	A & U	406.00
26	4404	"	30′— 4″	¼″	¼″	6040	A	572.00
28	5061	7′—0″	17′— 7″	¼″	5/16″	5660	A & U	588.00
29	6717	"	23′— 4″	¼″	5/16″	7150	A & U	706.00
31	10028	"	34′—10″	¼″	5/16″	10130	A & U	948.00
34	4292	8′—0″	11′— 5″	¼″	¼″	4710	A & U	514.00
36	6376	"	16′—11½″	¼″	¼″	6360	A & U	638.00
40	10544	"	28′— 0½″	¼″	¼″	9610	A & U	894.00
42	12627	"	33′— 7″	¼″	¼″	11240	A	1024.00
50	11946	10′—0″	20′— 4″	¼″	5/16″	9660	A	910.00
51	11946	"	20′— 4″	5/16″	5/16″	10620	A & U	960.00
53	14883	"	25′— 4″	¼″	5/16″	11500	A	1046.00
54	14883	"	25′— 4″	5/16″	5/16″	12700	A & U	1118.00
59	20759	"	35′— 4″	¼″	5/16″	15190	A	1380.00
60	20759	"	35′— 4″	5/16″	5/16″	16870	A	1476.00
68	13170	10′—6″	20′— 4″	¼″	5/16″	10300	A	974.00
69	13170	"	20′— 4″	5/16″	5/16″	11260	A & U	1026.00
70	16409	"	25′— 4″	¼″	5/16″	12250	A	1122.00
71	16409	"	25′— 4″	5/16″	5/16″	13450	A & U	1190.00
72	19648	"	30′— 4″	¼″	5/16″	14190	A	1286.00
73	19648	"	30′— 4″	5/16″	5/16″	15630	A & U	1362.00
77	26125	"	40′— 4″	5/16″	5/16″	20000	A	1766.00

For standard 16″ manhole add $20.00 to tanks Nos. 20, 22 and 26. Other sizes include manhole.

Above tanks are regularly furnished with five 3″ flanges.

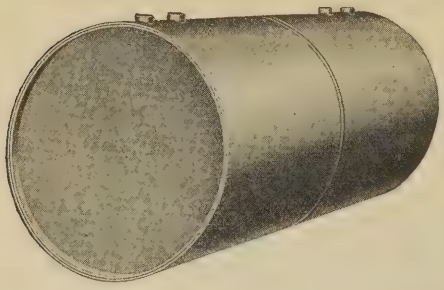
They can be furnished with Underwriters' labels for service as indicated above: A, above ground; U, underground.

Write For Discounts

Caldwell TANKS AND TOWERS

FILLING STATION AND OIL BURNER TANKS

GALVANIZED OR BLACK WELDED



Underground Tanks for the storage of gasoline and other oils.

Can be furnished with Underwriters' labels.

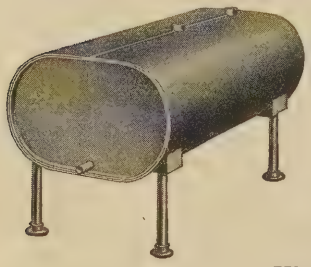
GALVANIZED

Gallons	Diameter, Inches	Length, Inches	Thickness	Shipping Weight Crated	Number in Carload	List Price Each
64	26	30	No. 14	120	180	$ 36.50
125	33	36	No. 14	174	99	44.90
275	36	65	No. 14	262	42	54.50
550	42	94	No. 14	430	24	78.10
1040	46	148	No. 12	925	12	132.60

BLACK

Gallons	Diameter, Inches	Length, Inches	Thickness	Shipping Weight, Lbs.	Number in Carload	List Price Each
98	24	50	No. 14	140	128	$ 24.00
295	38	60	No. 14	275	48	40.00
500	48	64	No. 12	423	28	52.00
500	48	64	1/8"	485	28	57.60
500	48	64	3/16"	725	28	66.15
1000	48	128	3/16"	1255	12	118.70
1000	64	72	3/16"	1125	14	106.00
2000	64	144	3/16"	1890	3	176.20
3000	64	216	3/16"	2655	2	259.35
3000	72	170	1/4"	3500	2	328.80
5000	72	283	1/4"	5200	1	509.20
5000	84	209	1/4"	4850	2	469.10
10000	84	418	1/4"	8800	1	859.70
5000	96	159	1/4"	4700	3	442.00
10000	96	318	1/4"	8000	1	781.40
12000	96	382	1/4"	9400	1	918.10

For standard 16" manhole add $20.00 to above lists.
All tanks regularly furnished with three 3" flanges.



OBROUND BASEMENT TANKS

We make this Tank in only one standard size. Other sizes on special order.

260 gallons, No. 14 gauge, 26" and 45" x 60" $57.00

Write For Discounts

Caldwell TANKS AND TOWERS

RECTANGULAR STEEL TANKS

We build these tanks in any size or thickness wanted but recommend that they be built of heavier material than would be used for the same capacity round tanks.

They are thoroughly braced by angles and tie bars or rods when required so that, when filled, the sides will not bulge outward.

We supply these Rectangular Steel Tanks thoroughly knocked down, well finished and punched for rivets, with rivets to put them together. All pieces are plainly marked and we furnish blue prints showing how tanks go together.

We can also furnish them set up in either riveted or welded construction.

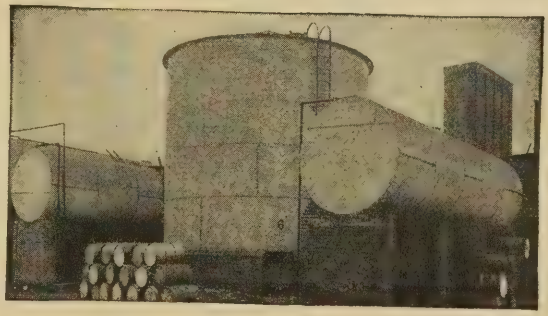
Write for Net Prices, including freight to your city.

We can figure on erecting these tanks where desired.

All Our Steel Tanks are set up in the shop to be certain that all parts fit and all holes match.

Horizontal Oil Tanks

Louisville Lead and Color Works



Caldwell TANKS AND TOWERS

GALVANIZED STEEL TANKS

RELIABLE GALVANIZED ROUND STORAGE TANKS

Send for Special Galvanized Tank Catalogue listing all sizes and styles.

No.	SIZE Dia. ft.	SIZE Ht. ft.	Capacity Gallons	List Price for 20 Ga.	
200	2	2	47	$ 7.44	Can be shipped S. U.
201	2½	2½	78	11.55	
202	3	2	91	14.85	
203	3	3	157	18.99	
204	3	4	220	22.29	
205	4	2	166	18.15	
206	4	2½	215	20.63	
207	4	3	254	23.10	
208	4	4	338	27.24	
209	4	5	423	31.35	
210	4	6	508	36.30	
211	4	8	688	46.20	
212	5	2	262	23.93	
213	5	2½	342	26.40	
214	5	3	411	28.88	
215	5	4	500	34.65	
216	5	5	675	42.09	
217	5	6	810	47.85	
218	5	8	1096	59.40	
219	6	2	384	36.53	
220	6	2½	480	33.00	
221	6	3	583	35.48	
222	6	4	786	42.90	
223	6	5	1000	49.50	
224	6	6	1200	66.00	Must be shipped K. D.
225	6	8	1600	80.85	
226	6½	6½	1500	73.11	
227	8	2	691	46.20	
228	8	2½	864	49.50	
229	8	5	2000	82.50	
230	8	6	2400	92.40	
231	8	8	3000	118.80	
232	8	10	3592	133.65	
233	10	2	1089	64.35	
234	10	2½	1361	69.30	
235	10	8	4500	156.75	
236	10	10	6000	181.50	
237	10	12	7000	214.50	
238	12	12	10000	272.25	
239	14	14	15000	321.75	
240	16	14	20000	354.75	
241	16	16	23000	404.25	

These capacities are not meant to be absolutely exact, but reasonably close. Measurements all outside.

We can furnish these Tanks in any size wanted.

Prices do not include covers. When required they will be supplied at proportionate additional prices. See opposite page.

List prices of all Tanks are based on No. 20 Gauge. For Tanks 6 feet diameter, 6 feet high, to 8 feet diameter, 8 feet high, inclusive, we recommend No. 18 Gauge; for Tanks 10 feet diameter, 8 feet high and 10 feet diameter, 10 feet high, No. 16 Gauge; for Tanks 12 feet diameter, 10 feet high, and 12 feet diameter, 12 feet high, No. 14 Gauge. Larger Tanks No. 12 and No. 10 Gauge. No 18 Gauge increases the price 30 per cent; No. 16, 60 per cent; No. 14, 90 per cent; No. 12, 140 per cent; No. 10, 200 per cent.

GALVANIZED STEEL TOWER TANKS

No.	Height Ft.	Height In.	Diameter Bottom Ft.	Diameter Bottom In.	Diameter Top Ft.	Diameter Top In.	Capacity Barrels	Wt. No Cover Lbs.	List Price No Cover
605	8		4	11	2	8	21	278	$ 64.35
606	7	4	4	7	3		21	260	64.35
607	6		5	5	3	10	24	275	66.30
608	8	10	5	1	2	6	25	320	78.00
609	5	6	5	6	4	4	25	260	66.30
610	7		5	6	3	6	26	300	74.10
611	8		5	5	3	3	28	350	79.95
612	7		5	7	4		30	325	74.10
613	7	4	6	2	4	7	40	350	83.85
614	9	6	5	10	3	10	44	400	117.00
615	7	8	6	10	5		50	400	117.00
616	5		8		6	9	53	400	92.63
617	9	4	6	10	4	9	58	600	136.50
618	8	10	7	11	5	4	60	640	142.35

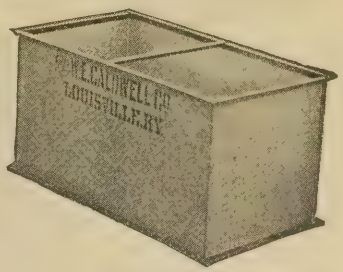
Nos. 605 to 611 shipped set up; Nos. 612 to 618 shipped knocked down.

All prices are based on tanks as made of No. 20 galvanized steel. If No. 18 metal is wanted add 30 per cent; if No. 16 is wanted add 60 per cent.

Caldwell TANKS AND TOWERS

GALVANIZED STEEL TANKS

RELIABLE GALVANIZED STEEL RECTANGULAR TANKS



Round End Price List

No.	L'gth Feet	W'th Feet	Ht. Feet	Capacity Gals.	List Price 20 Ga.
300	4	1-6	1	40	$ 9.75
301	4	2	1	50	10.73
302	4	2	2	91	14.85
303	5	1-6	1	50	12.23
304	5	2	1	70	12.98
305	5	2	1-6	105	15.60
306	5	2	2	140	16.95
307	6	2	1	80	14.63
308	6	2	1-6	120	17.55
309	6	2	2	144	18.99
310	7	2	2	171	21.98
311	8	1-6	1	80	17.10
312	8	2	1	110	18.53
313	8	2	1-6	165	21.45
314	8	2	2	197	23.52
315	8	2	2-6	246	27.30
316	8	2-6	2	245	25.35
317	8	2-6	2-6	306	29.25
318	8	3	2	298	28.05
319	8	3	2-6	372	31.20
320	8	4	2	386	30.54
321	8	4	2-6	482	39.00
322	8	4	3	578	42.90
323	8	6	2	740	44.85
324	8	6	2-6	925	50.70
325	10	2	1	140	23.40
326	10	2	1-6	210	27.30
327	10	2	2	280	29.25
328	10	2-6	2	378	32.19
329	10	3	2	384	32.76
330	10	3	2-6	480	39.00
331	10	3	3	576	46.32
332	10	4	2	496	37.95
333	10	4	2-6	620	46.80
334	10	4	3	744	55.58
335	10	4	5	1240	79.95
336	10	6	2	897	53.63
337	10	6	2-6	1121	57.53
338	10	6	3	1345	63.38
339	10	6	4	1793	85.80
340	10	6	5	2241	105.30
341	12	4	2	693	50.22
342	14	4	2	819	57.53
343	16	4	2	826	61.89
344	16	4	2-6	1032	74.10
345	16	5	2	1197	78.00
346	16	5	2-6	1496	87.75
347	16	6	2	1418	88.73

Square End Price List

No.	L'gth Feet	W'th Feet	Ht. Feet	Capacity Gals.	List Price 20 Ga.
400	4	1	1	29	$10.73
401	4	2	1	58	12.68
402	4	2	2	101	15.69
403	5	1	1	37	12.23
404	5	2	1	74	14.63
405	5	2	2	148	18.53
406	6	2	1	89	16.58
407	6	2	2	152	19.38
408	8	1	1	58	16.58
409	8	2	1	119	20.48
410	8	2	2	202	26.40
411	8	2	2-6	253	35.10
412	8	2-6	2	262	28.89
413	8	3	2	318	30.93
414	8	3	2-6	397	39.98
415	8	4	2	424	37.95
416	8	4	2-6	530	48.75
417	8	4	3	636	51.48
418	10	2	1	149	24.38
419	10	3	2	397	36.30
420	10	3	2-6	496	47.78
421	10	3	3	595	52.20
422	10	4	2	530	41.25
423	10	4	2-6	662	56.10
424	10	4	3	795	61.95
425	16	4	2	945	67.65

We can furnish these Tanks in any size wanted. We also build Steel Tanks of all sizes and kinds.

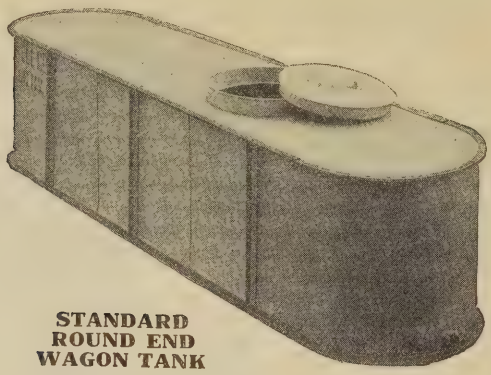
Price List Oil and Gasoline Tanks

No.	Inside Diam. Inches	Height Inches	Capacity Gallons	Price
85	18	30	32	$10.73
86	24	30	58	12.18
87	24	36	70	15.11
88	34	30	117	19.50
89	34	36	140	21.45
90	34	42	165	25.83
91	34	48	185	28.28
92	40	42	225	32.18
93	40	48	260	35.10

OIL AND GASOLINE TANKS

Our Oil and Gasoline Tanks are made of No. 20 galvanized steel. They are very strong and durable, and will stand much hard usage. We place a screw cap opening in top to fill by and a faucet in the side near bottom to draw off contents

GALVANIZED STEEL TANKS



STANDARD ROUND END WAGON TANK

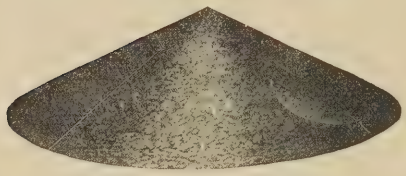
Prices

No.	Width Feet	Height Feet	Length Feet	Capacity Gallons	Weight Pounds	Price
A	3	2	10	378	245	$53.63
B	3	2	8	295	215	48.68
C	2½	2	8	245	203	45.38
D	2	2	8	197	183	41.25
E	2	2	6	144	146	36.30

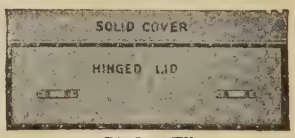
Order by number.

GALVANIZED TANK COVERS

CONICAL



FLAT



Style "F"

Prices

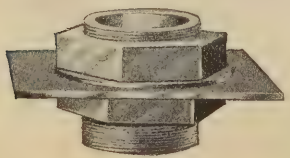
Diameter of Tank	Conical Cover No. 20 Ga.	Flat Cover No. 20 Ga.	Diameter of Tank	Conical Cover No. 20 Ga.	Flat Cover No. 20 Ga.
4 ft...	$ 9.60	$ 8.40	10 ft...	$60.00	$52.50
5 ft...	15.00	13.13	12 ft...	86.40	75.60
6 ft...	21.60	18.90	14 ft...	117.60	102.90
7 ft...	29.40	25.73	16 ft...	153.60	134.40
8 ft...	38.40	33.60			

Covers 10 foot diameter and over should be at least No. 18 gauge which is 30% more than above prices.

Style "B"

PIPE CONNECTIONS AND FAUCET

GALVANIZED LOCK NUT AND NIPPLE CONNECTION



BRASS FAUCET

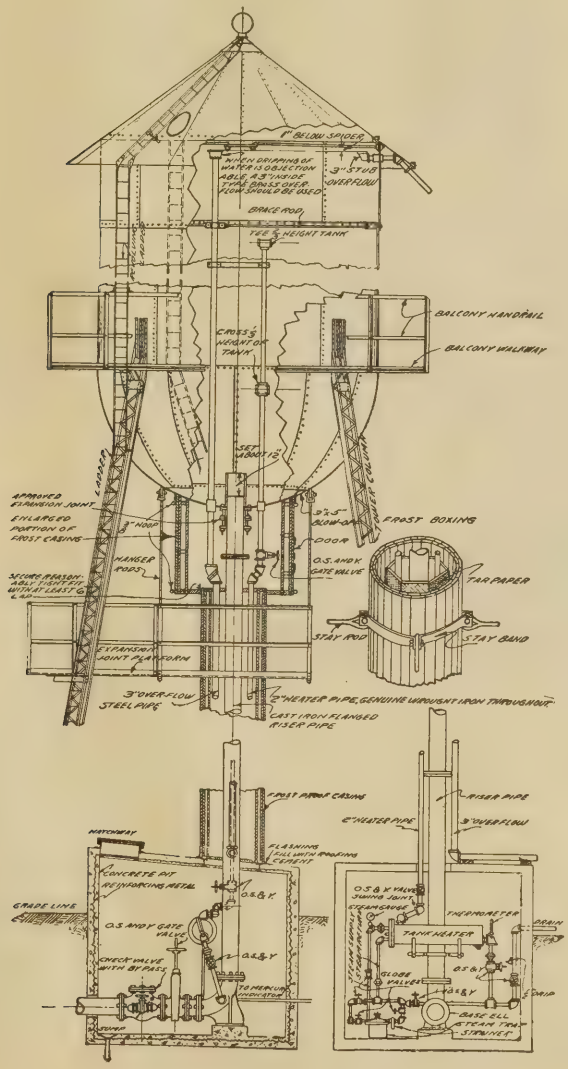
With or without threaded end for hose connection.

Prices

$1.15	¾ inch	$ 2.70
1.50	1 inch	3.78
2.25	1½ inch	9.36
3.00	2 inch	16.74

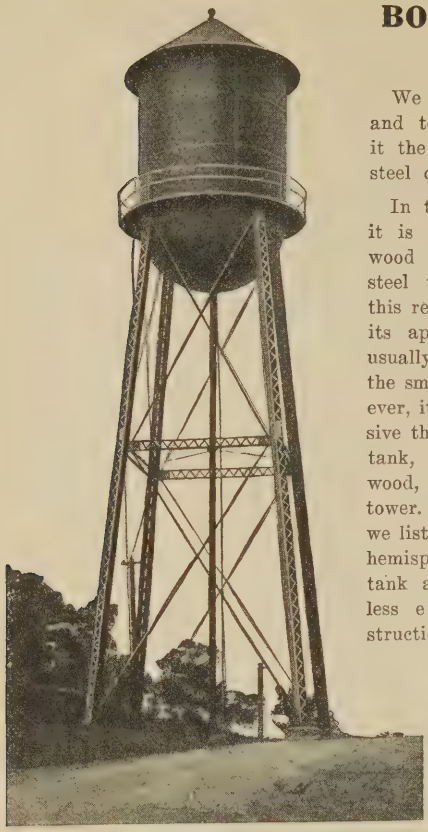
GRAVITY TANK ON TOWER TO SUIT INSURANCE REQUIREMENTS

This is the Standard Arrangement for Tank Installation to comply with the requirements of the Assoc. Factory Mutual Fire Ins. Cos.



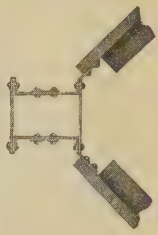
Caldwell TANKS AND TOWERS

HEMISPHERICAL BOTTOM STEEL TANKS AND TOWERS

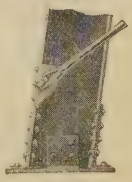


We have been building this type of tank and tower for twenty years and consider it the best type of construction in an all steel outfit.

In the larger sizes, it is cheaper than a wood tank with a steel tower, and for this reason, as well as its appearance, it is usually preferred. In the smaller sizes, however, it is more expensive than a flat bottom tank, either steel or wood, on a standard tower. For this reason, we list on page 31 the hemispherical type of tank and tower in a less expensive construction.



A steel tank has the advantage of being free from leaks, once it is erected and made tight; and the only care required thereafter, is a coat of good paint about every three or four years. It must not be forgotten, however, that they do not possess the same resistance as a good Cypress tank to heat or cold, and alkaline or acid water. For intermittent service a steel tank should always be used.

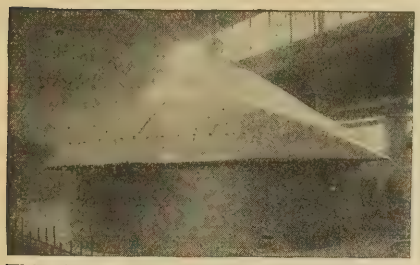


Our hemispherical tanks are made in the sizes listed on page 29, with towers of any height desired, though the usual heights are 50, 75 and 100 feet. The heights are measured to the top of the outlet, which is the low water level of the tank. The tank has full capacity above this point.

Both tanks and towers are designed in accordance with the very best and latest practice in steel construction.

Caldwell TANKS AND TOWERS

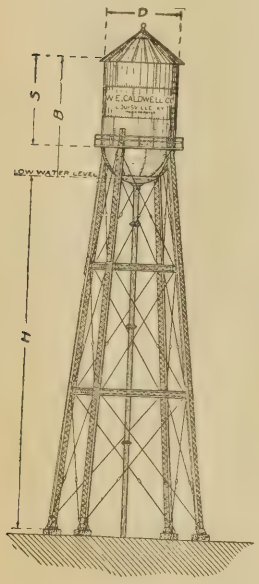
HEMISPHERICAL BOTTOM STEEL TANKS AND TOWERS



SHOP ERECTION

We set up all our Hemispherical Bottom Tanks in the shop, as shown in the accompanying illustrations, so as to be certain that all holes match properly and to ream any which do not. The sheets are then match marked so that they can be erected in the field in the same order they were set up in the shop. This insures the customer against delays in erection and gives him a more perfect job as it automatically checks the correctness of all parts before they leave our shop. This is a service that few if any other tank manufacturers will give you.

We do not list prices of this style of outfit on account of the multiplicity of sizes but we will quote, on application, net delivered prices with erection included if desired.



STANDARD SIZES

Capacity, Gallons	Diameter D	Depth of Side S	Depth in Bottom B	Width Balcony	No. Posts
10,000	10′	14′— 1″	17′— 7″	18″	4
15,000	12′	14′— 1″	18′— 7″	18″	4
20,000	14′	12′—11″	18′— 5″	18″	4
25,000	14′	17′— 3″	22′— 9″	18″	4
30,000	14′	21′— 7″	27′— 1″	18″	4
35,000	16′	18′— 3″	24′— 9″	24″	4
40,000	16′	21′— 7″	28′— 1″	24″	4
50,000	18′	20′— 7″	28′— 1″	24″	4
60,000	18′	25′— 9″	33′— 3″	24″	4
75,000	20′	25′— 5″	33′—11⅝″	24″	4
100,000	22′	28′— 0″	37′— 6″	27″	4
125,000	24′	29′— 2″	39′— 8″	30″	4
150,000	24′	36′— 6″	47′— 0″	30″	4
175,000	26′	35′— 7″	47′— 1″	36″	4
200,000	28′	34′— 3″	46′— 9″	36″	4
250,000	30′	37′— 5″	50′—11″	36″	6
300,000	32′	39′— 4″	53′—10″	36″	6
500,000	38′	46′— 6″	64′— 0″	36″	8

Square Base Spread on centers

$$= .707 \times D + .184 \left(H + \frac{D}{2} - 1\tfrac{1}{2} \right)$$

Heights are measured to the low water level in the tank. State height of tower desired.

Caldwell TANKS AND TOWERS

SMALL HEMISPHERICAL BOTTOM STEEL TANKS WITH ANGLE TOWERS

The laced channel tower is not economical in the smaller sizes so some time ago we designed a standard series of angle towers for hemispherical bottom tanks which compare favorably in price with either steel or wood flat bottom tanks on standard towers.

We have made the tanks of three-sixteenths inch steel which we consider ample for these small sizes but we can furnish them in one-quarter inch thickness at an extra price for those who prefer a heavier tank.

The towers are designed in accordance with the latest specifications of the American Institute of Steel Construction. They are much simpler and more in proportion to the actual loads coming upon them. This is the same basis and construction as used in our Standard Angle Towers, that we have been making for a number of years, several thousand of which are now in use.

We carry the material in stock for the sizes listed and most of the usual sizes already made up ready to ship out. We cannot vary from these sizes except on special order at an increased cost.

The field joints of the tower are made with double nutted bolts but the tank is riveted. We recommend hot riveting especially in the larger sizes but cold riveting can be used for the three-sixteenths tanks. The erection is comparatively simple and can be handled by a good mechanic familiar with riveting and caulking or we can erect it for you.

Caldwell TANKS AND TOWERS

PRICE LIST OF HEMISPHERICAL BOTTOM STEEL TANKS

With Angle Towers

5,000 Gallons

Height in feet	Weight in pounds	Price Tank and Tower	Base Spread on Centers
15	5480	$ 675.80	9′— 0
25	6130	740.00	10′—10¼″
35	6860	805.05	12′— 8½″
45	7630	879.10	14′— 6¾″
55	8550	967.60	16′— 5″
65	9580	1066.70	18′— 3¼″
75	10740	1178.30	20′— 1½″
85	12100	1309.10	21′—11¾″
95	13770	1444.70	23′—10″
105	15530	1609.45	25′— 8¼″

No balcony included.
⅜″ tank only.

10,000 Gallons

Height in feet	Weight in pounds	Price Tank and Tower	Base Spread on Centers
15	8880	$1016.00	10′— 7⅜″
25	9730	1090.90	12′— 5⅝″
35	10630	1175.15	14′— 3⅞″
45	11670	1272.45	16′— 2⅛″
55	12810	1364.25	18′— 0⅜″
65	14170	1488.00	19′—10⅝″
75	15630	1620.90	21′— 8⅞″
85	17410	1782.85	23′— 7⅛″
95	19340	1958.50	25′— 5⅜″
105	21390	2145.05	27′— 3⅝″

Extras for ¼″ Tank and ⅛″ Cover.
Extra price, $132.40. Extra wt., 2111 lbs.

15,000 Gallons

Height in feet	Weight in pounds	Price Tank and Tower	Base Spread on Centers
15	11150	$1151.40	12′— 2½″
25	12160	1240.70	14′— 0¾″
35	13310	1342.35	15′—11″
45	14590	1455.50	17′— 9¼″
55	15930	1573.95	19′— 7½″
65	17460	1709.20	21′— 5¾″
75	19310	1872.75	23′— 4″
85	21260	2045.10	25′— 2¼″
95	23410	2197.45	27′— 0½″
105	25750	2398.20	28′—10¾″
115	28190	2607.55	30′— 9″
125	30740	2826.30	32′— 7¼″

Extra for ¼″ Tank and ⅛″ Cover.
Extra price, $143.20. Extra wt., 2687 lbs.

20,000 Gallons

Height in feet	Weight in pounds	Price Tank and Tower	Base Spread on Centers
15	13680	$1372.70	13′—10¼″
25	14940	1480.75	15′— 8½″
35	16310	1598.30	17′— 6¾″
45	17750	1721.80	19′— 5″
55	19320	1856.50	21′— 3¼″
65	21290	2025.55	23′— 1½″
75	23360	2203.20	24′—11¾″
85	25640	2398.80	26′—10″
95	27990	2600 45	28′— 8¼″
105	30460	2812.35	30′— 6½″
115	33050	3034.60	32′— 4¾″
125	36190	3304.00	34′— 3″

Extra for ¼″ Tank and ⅛″ Cover.
Extra price, $163.60. Extra wt., 2883 lbs.

25,000 Gallons

Height in feet	Weight in pounds	Price Tank and Tower	Base Spread on Centers
15	15270	$1520.05	13′—10¼″
25	16630	1636.75	15′— 8½″
35	18090	1762.00	17′— 6¾″
45	19640	1876.20	19′— 5″
55	21390	2021.80	21′— 3¼″
65	23600	2205.70	23′— 1½″
75	25880	2395.40	24′—11¾″
85	28230	2590.90	26′—10″
95	30780	2803.05	28′— 8¼″
105	33450	3025.20	30′— 6½″
115	36210	3254.80	32′— 4¾″
125	39390	3519.40	34′— 3″

Extra for ¼″ Tank and ⅛″ Cover.
Extra price, $206.30. Extra wt., 3332 lbs.

30,000 Gallons

Height in feet	Weight in pounds	Price Tank and Tower	Base Spread on Centers
15	17710	$1733.10	13′—10¼″
25	19260	1862.10	15′— 8½″
35	21020	2008.50	17′— 6¾″
45	22840	2159.95	19′— 5″
55	24780	2321.35	21′— 3¼″
65	27180	2521.00	23′— 1½″
75	29650	2726.55	24′—11¾″
85	32200	2938.70	26′—10″
95	34890	3162 50	28′— 8½″
105	37740	3399.60	30′— 6½″
115	40700	3645.90	32′— 4¾″
125	44100	3928.75	34′— 3″

Extra for ¼″ Tank and ⅛″ Cover.
Extra price, $235.70. Extra wt., 4005 lbs.

Heights are nominal and measured from the top of the foundations to the low water level.

Prices include the tank and a ladder from 10 feet above the ground to the balcony and a revolving ladder to the apex of the roof.

We supply plans and specifications for putting in the foundations.

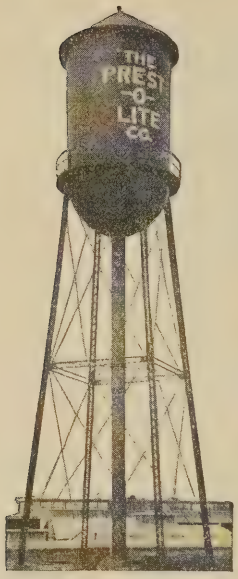
We erect anywhere or we will furnish plans for the customer to erect.

These prices are subject to a liberal discount that will be quoted on application, or we will quote net delivered prices and to include erection when desired.

State what Insurance Requirements, if any, and whether we shall include Riser Pipe and Frost Boxing.

Caldwell TANKS AND TOWERS

HEMISPHERICAL STEEL TANKS AND TOWERS



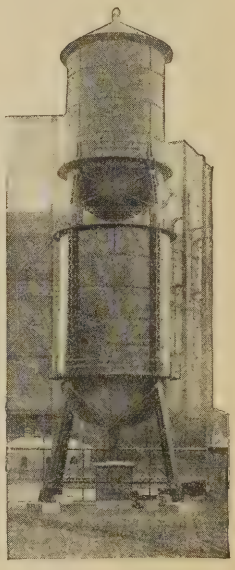
The Prest-O-Lite Co. Indianapolis, Ind. 75,000 gals., 75 ft. high

Studebaker Bros. Mfg. Co., South Bend, Ind. 150,000 gals., 200 ft. to top

Hershey Chocolate Co. Hershey, Pa. 75,000 gals. 88 ft. high

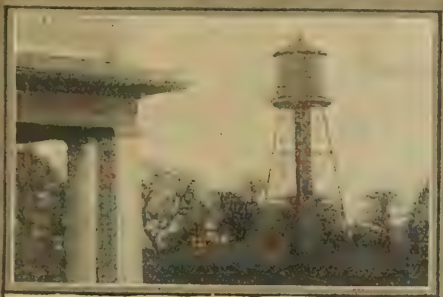
Merrell-Soule Co. Union City, Pa. 25,000 and 10,000 gals. 74 ft. high

Davis Sewing Machine Co., Dayton, Ohio 60,000 gal. on a building



Lowell Gas Light Co. Lowell, Mass. 150,000 and 100,000 gals., 28 and 75 ft. high

CLUB AND RESORT WATER SUPPLY



MOHAWK GOLF CLUB, Schenectady, N. Y.
39-foot Tubular Tower and 10,000-gal. Cypress Tank.

KAHKWA CLUB, Erie, Pa.
39′ Tub. Tower & 10,000-gal. Cypress Tank

OAKWOOD RESORT, Oshkosh, Wis.
20,000-gallon Hemispherical Bottom Steel Tank and 47-foot Latticed Tower.

OWOSCO COUNTRY CLUB, Auburn, N. Y.
27-foot Tubular Tower and 1,500-gal. Cypress Tank.

LAKE ST. CLAIR HUNTING AND FISHING CLUB, Michigan
39′ Tubular Tower and 5,500-gallon Tank

PINE FOREST INN, Charlotte, N. C.
51′ Tubular Tower and 10,000-gallon Cypress Tank.

Caldwell TANKS AND TOWERS

TOWN WATER WORKS

The stand-pipe, once used so extensively for water-works systems for small towns and villages, has been almost entirely discarded in favor of the elevated tank. The greater safety and efficiency of the elevated tank make it much the more economical and satisfactory. In the stand-pipe there is a pressure that is rapidly lowered with the use of the water until with half the contents gone it quickly dwindles below a safe working limit. The small diameter and great height of the stand-pipe add very much to the weight and stability it is necessary to provide to insure its safety and often result in damage from ice that does not occur with the elevated tank on account of its much larger diameter.

We construct these outfits with either Wood or Steel Tanks and contract to put the job up complete.

Some of the towns that have installed a Caldwell outfit are given below.

ALABAMA.
Columbiana.
Gordo.
Marion.
Red Level.
Uniontown.

ARIZONA.
Glendale.

ARKANSAS.
Dermott.
England.
Fayetteville.
Forrest City.
Fort Smith.
Hamburg.
Lonoke.
Luxora.
Marvell.
Ozan.
Warren.

CONNECTICUT.
Danbury.
Thompson.

DELAWARE.
Frederica.

FLORIDA.
Bartow.
Belleair.
Clearwater Harbor.
Jasper.
Lake Helen.
Naples.
Plant City.

GEORGIA.
Baxley.
Eastman.
Ellaville.
Flowery Branch.
Pretoria.

ILLINOIS.
Breese.
Cairo.
Germantown.
Ladd.
La Harpe.
Lake Villa.
Lebanon.
Loraine.
Mendon.
Morrisonville.
New Baden.
Odell.
Oquawka.
Plymouth.
Sublette.
Waynesville.
Weldon.

INDIANA.
Converse.
Cynthiana.
New Harmony.
Richmond.
Royal Center.
Yorktown.

IOWA.
Clearance.
Doon.
Granville.
Kingsley.
Mountain Home.
Orange City.
Remsen.
Rock Valley.
Sheldon.
Vail.
Waverly.

KANSAS.
Enterprise.
Girard.
Liberal.
Milford.

KENTUCKY.
Adairville.
Barlow.
Danville.
Smith's Grove.
Middlesborough.
Princeton.

LOUISIANA.
Bastrop.
Lutchee.
Oak Ridge.
Mer Rouge.
Placquemine.

MAINE.
Camden.
Rockland.
York Beach.
York Village.

MARYLAND.
Blue Ridge Summit.
Chevy Chase.
Havre de Grace.
Mountain Lake.
Mt. Washington.
Princess Anne.

MICHIGAN.
Harbor Beach.
Hematite.
Mt. Washington.
Ovid.
Roscommon.
Sand Beach.
Shepherd.

MINNESOTA.
Adrian.
Bovey.
Hibbing.
Northome.
Virginia.

MISSISSIPPI.
Baldwyn.
Bolton.
Dexter.
Gunnison.
Indianola.
Meridian.
Mount Olive.
Scranton.
Shuqualak.

MISSOURI.
Concordia.
Excelsior Springs.
Louisiana.
Steelville.

MONTANA.
Gardiner.

NEW JERSEY.
Allenhurst.
Asbury Park.
Cape May Court House.
Carson's Inlet.
Laurence Harbor.
Lindenwold.
North Spring Lake.
Pitman.
Pitman Grove.
Seaside Park.
Westwood.

NEW HAMPSHIRE.
Berlin.

NEW YORK.
Barren Island.
Forrest Lawn.
Haines Falls.
Pine Plains.

NEBRASKA.
Elmwood.
Rushville.

NEVADA.
Reno.

NORTH CAROLINA.
Aberdeen.
Concord.
Salisbury.

OHIO.
Continental.
Kings Mills.
Marice City.
Oakwood.

OKLAHOMA.
El Reno.
Oregon.

PENNSYLVANIA.
Beaver Falls.
Delta.
Ephrata.
Hillsboro.
Linwood.
Osborn.
Rochester.
Vandergrift.
Wyalusing.

RHODE ISLAND.
Shawomet Beach.

SOUTH CAROLINA.
Bishopville.
Due West.
Pelzer.
Salley.

SOUTH DAKOTA.
Menno.

TENNESSEE.
Bells.
Brownsville.
Collierville.
McKenzie.
Manchester.
Somerville.

TEXAS.
Amarillo.
Beeville.
Cooper.
Corsicana.
Cross Plains.
Llano.
Reedville.
Shiner.
Whitney.

VIRGINIA.
Cape Charles.
Coeburn.
Farmville.
Harrisonburg.
Onancock.
Waynesboro.

WEST VIRGINIA.
Charleston.
Clendinin.
Glendale.
Glenville.
Lewisburg.
Ronceverte.

WISCONSIN.
Hillsboro.
Knight.
Monroe.

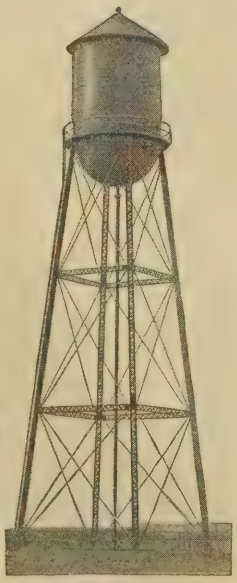
TOWN WATER WORKS

VIRGINIA, MINN.
100,000 Gals., 75 Ft. High

CROSS PLAINS, TEXAS
60,000 Gals., 60 Ft. High

CHEVY CHASE, MD.
40,000 Gals., 75 Ft. High

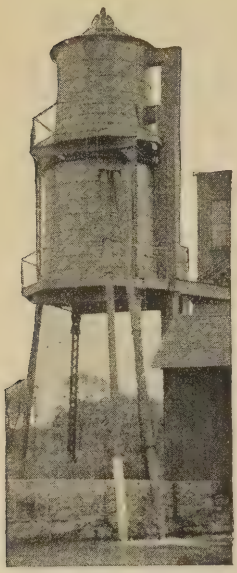
DUE WEST, S. C.
50,000 Gals., 69 Ft. High



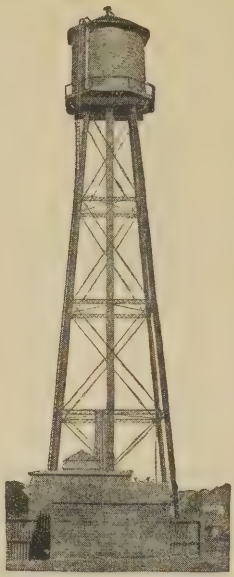
MOUNTAIN HOME, IA.
60,000 Gals., 88 Ft. High

CYNTHIANA, IND.
60,000 Gals., 100 Ft. High

WOOD TANK AND STEEL TOWER OUTFITS



Peninsular Paper Co.
Ypsilanti, Mich.
15,000 and 10,000 gals., 20 and 32 ft. high



Passaic Worsted Spinning Co.
Dundee Station, N. J.
50,000 gal., 125 ft. Latticed Column Tower

Borough of Union Beach, N. J.
30,000 gals., 51 ft. high Tubular Tower

Vonnegut Hardware Co., Indianapolis, Ind.
15,000 gals., 20 ft. high Tower on a Building

B. L. Lyford & Co.
Helena, Ark.
10,000 gals., 52 ft. Angle Column Tower

Nebraska Blaugas Co.
Omaha, Neb.
20,000 gals., 50 ft. Latticed Column Tower

STANDARD TOWER TANKS

We illustrate on the following pages three distinct types of Steel Towers—Latticed Column, Angle Column and Tubular Column.

Each Tower is plainly illustrated and described so that its construction can easily be understood. All of them are of thoroughly reliable design and the difference between them is largely one of personal preference.

These Towers are all designed for tanks of certain sizes, which are herewith given.

In asking for prices, state the kind of tank (wood or steel), capacity in gallons, the kind of Tower and the height and what Insurance Requirements are to be complied with, if any; also whether we shall include the Riser Piping and Frost Boxing for Riser Pipes and Erection in our estimate.

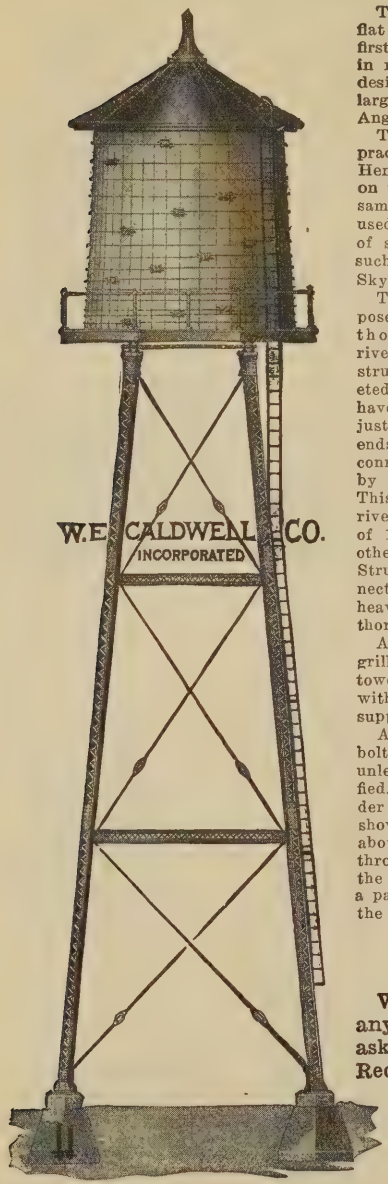
CORRECT TANK SIZES FOR TOWERS

Standard Towers	Tank to Use					
Either of the Tanks Listed Will Fit on Either Class Tower Opposite	Capacity	Wood See Pages 2 to 9 Diam.	Deep	No.	Galv. Steel See Page 24 Plain Steel See Page 20 Diam.	High
For Class "AA" Angle Column...	500	5.0	4.0	16	5.0	4.0
For Class "O" Tubular Column. } or Class "CC" Angle Column.... }	1000	6.6	4.5	30	6.0	5.0
	1500	6.6	6.5	32	6.6	6.6
For Class "A" Tubular Column } or Class "FF" Angle Column... }	2800	8.0	7.5	54	8.0	8.0
	3000	8.0	8.5	55		
For Class "B" Tubular Column } or Class "HH" Angle Column..... }	5000	10.0	9.5	79		
	*5000	10.0	9.4	F.M.		
	6000	10.0	11.5	80	10.0	10.0
For Class "C" Tubular Column } or Class "JJ" Angle Column..... }	10000	12.6	11.5	98	12.0	12.0
	*10000	12.6	13.4	F.M.		
	12000	12.6	13.5	99		
For Class "D" Tubular Column } or Class "KK" Angle Column.. } or Class "LD" Latticed Column }	15000	14.0	13.5	107	14.0	14.0
	*15000	14.0	15.4	F.M.		
	17000	14.0	15.5	108		
For Class "E" Tubular Column } or Class "LL" Angle Column.. } or Class "LE" Latticed Column }	20000	16.0	13.5	117	16.0	14.0
	*20000	16.0	15.4	F.M.		
	22000	16.0	15.5	118		
For Class "ES" Tubular Column } or Class "NN" Angle Column... } or Class "LES" Latticed Column }	25000	16.0	17.4	119	16.0	18.0
	*25000	16.0	17.4	F.M.	16.0	18.0
For Class "F" Tubular Column. } or Class "PP" Angle Column... } or Class "LF" Latticed Column. }	30000	18.0	15.4	129	18.0	16.0
	*30000	18.0	17.4	F.M.		
	33000	18.0	17.4	130		
For Class "FS" Tubular Column } or Class "LFS" Latticed Column }	35000	18.0	19.4	131	18.0	20.0
	*35000	18.0	19.4	F.M.		
For Class "G" Tubular Column } or Class "LG" Latticed Column.... }	36000	19.6	17.4	133		
	40000	19.6	19.4	134	20.0	18.0
	*40000	19.6	19.4	F.M.		
For Class "LH" Latticed Column }	50000	22.0	17.4	145	22.0	18.0
	*50000	22.0	19.4	F.M.		
	55000	22.0	19.4	146	22.0	20.0

In larger sizes. Hemispherical Bottom Steel Tanks are used nearly altogether on account of being more economical. See pages 29 to 31.

*Tank sizes marked with a star and followed by F.M. are the sizes to suit Insurance Requirements. See page 10.

LATTICED COLUMN TOWERS



30,000 Gallon Cypress Tank
80-foot Latticed Column Steel Tower

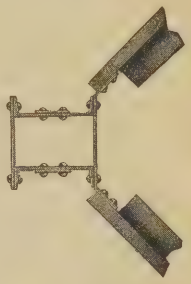
This is the heaviest and strongest tower built for flat bottom tanks. It is recommended where a first class riveted structure is wanted. It is made in multiples of 10 feet in height or any height desired and in capacities of 20 000 gallons and larger. For smaller capacities we recommend our Angle Column Tower.

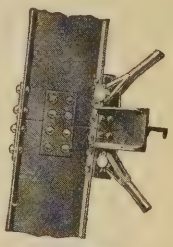
This tower conforms with the best engineering practice and is practically identical with our Hemispherical Bottom Tower and is the only one on the market, for flat bottom tanks, using the same construction as is used in the highest class of structural steel work such as Railroad Bridges, Skyscrapers, etc.

The columns are composed of two channels thoroughly laced and riveted together and the struts of channels riveted together. The rods have turnbuckles for adjustment with enlarged ends at the threads and connected to the columns by pins and clevises. This column has 6 to 7 rivets to the foot instead of 1 or 2 as in some other constructions. Strut and column connections are made with heavy gusset plates thoroughly riveted.

A heavy steel I-Beam grillage at the top of the tower supports the tank with steel brackets to support the walkway.

All field joints will be bolted with double nuts unless otherwise specified. A heavy steel ladder is furnished as shown from 10 feet above the ground through the platform to the top of the tank and a pair of curves leads to the manhole in the cover.





We build these Towers acceptable to any and all Insurance Companies. In asking for prices state what Insurance Requirements, if any, the outfit must comply with; the Kind of Tank (wood or steel); Capacity in gallons; Height of Tower and if we are to include Riser Piping and Frost Boxing for Riser Pipes and Erection in our estimate.

Caldwell TANKS AND TOWERS

PRICES OF LATTICED COLUMN STEEL TOWERS

See Correct Tank Sizes on Page 37.

See Prices of Wood Tanks on Page 5 to 10 and Steel Tanks on page 20.

CLASS L-E

For 20,000 to 22,000 Gallon Tanks.
See Sizes on Page 37.

Height in Feet	Weight in Pounds	Prices Complete	Base Spread on Centers
20	7297	$ 719.50	12′— 2″
25	7877	782.10	13′— 1″
30	9087	871.80	14′— 0″
40	10387	1052.95	15′—10″
50	11737	1198.60	17′— 8″
60	13667	1406.80	19′— 6″
75	16627	1726.30	22′— 3″
80	17687	1840.60	23′— 2″
90	20297	1979.35	25′— 0″
100	21537	2101.85	26′—10″

CLASS L-ES

For 25,000 Gallon Tanks.
See Sizes on Page 37.

Height in Feet	Weight in Pounds	Prices Complete	Base Spread on Centers
20	7675	$ 771.45	12′— 2″
25	8375	847.00	13′— 1″
30	9465	923.40	14′— 0″
40	10755	1103.80	15′—10″
50	13035	1276.10	17′— 8″
60	15135	1483.60	19′— 6″
75	17485	1715.75	22′— 3″
80	19035	1868.90	23′— 2″
90	21755	2137.65	25′— 0″
100	23375	2201.80	26′—10″

CLASS L-F

For 30,000 to 33,000 Gallon Tanks.
See Sizes on Page 37.

Height in Feet	Weight in Pounds	Prices Complete	Base Spread on Centers
20	8702	$ 845.25	13′— 1″
25	9792	928.20	14′— 0″
30	10472	995.40	14′—11″
40	12452	1191.00	16′— 9″
50	14042	1348.10	18′— 7″
60	15972	1486.80	20′— 5″
75	19252	1793.90	23′— 3″
80	20012	1865.00	24′— 2″
90	22912	2136.40	26′— 0″
100	24452	2280.55	27′—10″

CLASS L-FS

For 35,000 Gallon Tanks.
See Sizes on Page 37.

Height in Feet	Weight in Pounds	Prices Complete	Base Spread on Centers
20	9935	$ 940.00	13′— 1″
25	10605	1006.20	14′— 0″
30	11685	1087.50	14′—11″
40	14045	1308.40	16′— 9″
50	15585	1452.50	18′— 7″
60	18165	1694.00	20′— 5″
75	22285	1999.10	23′— 2″
80	23155	2076.00	24′— 1″
90	25715	2302.30	25′—11″
100	28625	2587.90	27′— 9″

CLASS L-G

For 36,000 to 45,000 Gallon Tanks.
See Sizes on Page 37.

Height in Feet	Weight in Pounds	Prices Complete	Base Spread on Centers
20	11485	$1063.45	14′— 1″
25	12195	1129.90	15′— 0″
30	12955	1201.05	15′—11″
40	16485	1454.75	17′— 9″
50	18375	1654.70	19′— 7″
60	20175	1813.80	21′— 5″
75	23605	2117.00	24′— 2″
80	24755	2218.70	25′— 1″
90	28445	2465.40	26′—11″
100	30465	2636.10	28′— 9″

CLASS L-H

For 50,000 to 55,000 Gallon Tanks.
See Sizes on Page 37.

Height in Feet	Weight in Pounds	Prices Complete	Base Spread on Centers
20	16795	$1501.80	15′— 5″
25	17655	1577.80	16′— 4″
30	18525	1654.70	17′— 3″
40	19985	1756.10	19′— 1″
50	23685	2068.80	20′—11″
60	25905	2256.40	22′— 9″
75	30975	2708.30	25′— 6″
80	32175	2811.20	26′— 5″
90	34605	3019.75	28′— 4″
100	36705	3199.90	30′— 2″

Prices include Steel Girders and Joists with Yellow Pine Walkway, Steel Handrail and Ladder.

Heights are from ground or grade line to the bottom of tank.

Prices are given for standard outfits. We build this type of Tower in any other size or height wanted.

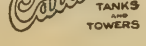
On all Towers a ladder is supplied from balcony to 10 feet above ground and from balcony to 3 feet above top of tank.

Prices do not include tank.

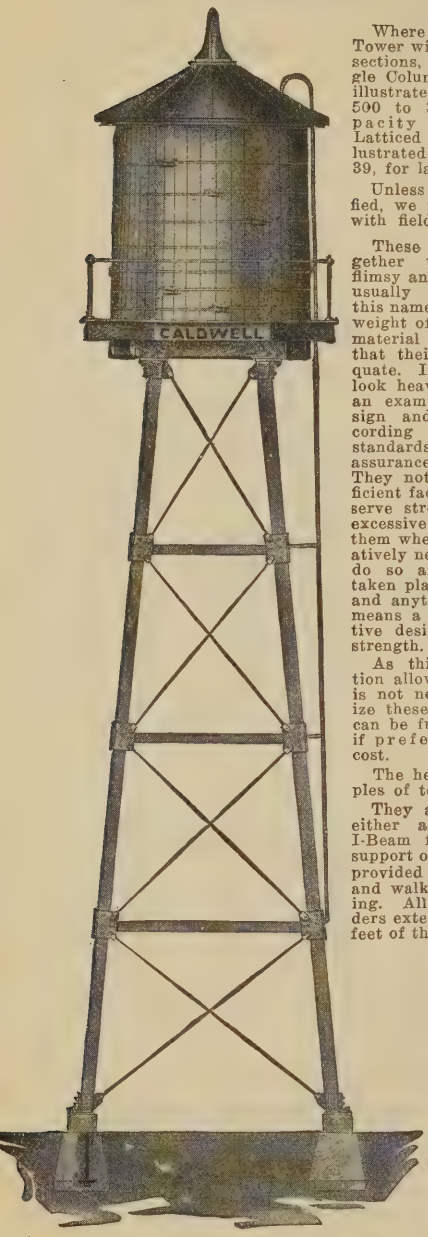
We supply plans and specifications for putting in the foundations and plans for the erection where customer does the erecting.

We will quote for erecting any size outfit in any part of the country when desired.

These prices are subject to a liberal discount that will be quoted on application, or we shall be glad to quote net delivered prices and to include erection when desired.



ANGLE COLUMN TOWERS



Where customers prefer a Tower with riveted or bolted sections, we supply the Angle Column Tower herewith illustrated for Tanks of 500 to 30,000 gallons capacity and less, and our Latticed Column, Tower, illustrated on pages 38 and 39, for larger sizes.

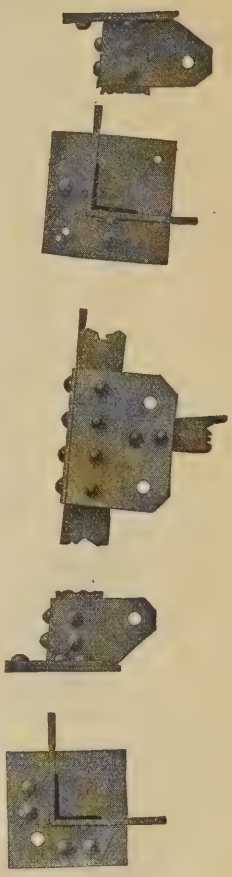
Unless otherwise specified, we furnish the Towers with field bolted sections.

These Towers are altogether unlike the light, flimsy and fragile structures usually furnished under this name; they have enough weight of metal and bulk of material to satisfy the eye that their strength is adequate. In other words, they look heavy and strong, and an examination of the design and construction according to engineering standards, will make this assurance doubly sure. They not only have a sufficient factor of safety or reserve strength to meet any excessive demands upon them when they are comparatively new, but sufficient to do so after corrosion has taken place year after year, and anything less than this means a structure of defective design and inadequate strength.

As this heavy construction allows for corrosion, it is not necessary to galvanize these towers but they can be furnished galvanized if preferred at additional cost.

The heights are in multiples of ten feet.

They are furnished with either a timber or steel I-Beam foundation for the support of the tank. This is provided with an extension and walkway with handrailing. All Towers have ladders extending to within ten feet of the ground.



These Towers are acceptable to any and all Insurance Companies. In asking for prices state what Insurance Requirements, if any, the outfit must comply with; the kind of Tank (wood or steel), Capacity in gallons; Height of Tower and if we are to include Riser Piping and Frost Boxing for Riser Pipes and Erection in our estimate.

Caldwell TANKS AND TOWERS.

PRICE LIST OF ANGLE TOWERS

See correct Tank sizes on page 37.

See prices of Wood Tanks on pages 5 to 10, Steel Tanks on page 20 and Galvanized Tanks on page 24.

CLASS AA

For 500 Gallon Tanks.
See Sizes on Page 37.

Height in Feet	Ship'g Wt. Lbs.	Price Painted	Price Galv'd	Base Spread on Centers
12	1050	$106.40	$163.50	4′—10″
22	1422	146.92	243.10	6′— 8″
32	1817	191.10	322.10	8′— 6″
42	2236	229.60	402.60	10′— 5″
52	2716	280.76	501.76	12′— 3″
62	3308	343.85	624.05	14′— 1″

Prices include Longleaf Yellow Pine Girders, Joists and Walkway with Iron Handrail and Ladder.

CLASS CC

For 1,000 and 1,500 Gallon Tanks.
See Sizes on Page 37.

Height in Feet	Ship'g Wt. Lbs.	Price Painted	Price Galv'd	Base Spread on Centers
12	1362	$135.50	$192.50	5′— 4″
22	1739	167.62	262.35	7′— 2″
32	2140	212.42	347.22	9′— 0″
42	2622	257.50	440.50	10′—11″
52	3187	317.74	557.24	12′— 9″
62	3857	389.16	698.66	14′— 7″

Prices include Longleaf Yellow Pine Girders, Joists and Walkway with Iron Handrail and Ladder. Extra for Steel Girders and Joists $39.00

CLASS FF

For 3,000 Gallon Tanks.
See Sizes on Page 37.

Height in Feet	Ship'g Wt. Lbs.	Price Painted	Price Galv'd	Base Spread on Centers
12	1814	$157.20	$229.10	6′— 6″
22	2294	207.10	327.10	8′— 5″
32	2804	260.10	431.00	10′— 3″
42	3374	319.40	547.30	12′— 1″
52	4085	393.36	692.36	13′—11″
62	4870	465.52	843.02	15′—10″
72	5822	550.20	1022.90	17′— 8″
82	6822	651.60	1224.30	19′— 6″

Prices include Longleaf Yellow Pine Girders, Joists and Walkway with Iron Handrail and Ladder. Extra for Steel Girders and Joists $39.00

CLASS HH

For 5,000 and 6,000 Gallon Tanks.
See Sizes on Page 37.

Height in Feet	Ship'g Wt. Lbs.	Price Painted	Price Galv'd	Base Spread on Centers
12	2498	$208.68	$300.68	7′— 5″
22	3133	273.04	428.54	9′— 3″
32	3801	335.44	553.30	11′— 1″
42	4539	408.32	698.50	13′— 0″
52	5367	489.84	860.85	14′—10″
62	6305	582.86	1046.10	16′— 8″
72	7369	687.96	1228.10	18′— 6″
82	8530	802.74	1463.20	20′— 5″

Prices include Longleaf Yellow Pine Girders, Joists and Walkway with Iron Handrail and Ladder. Extra for Steel Girders and Joists $48.75

CLASS JJ

For 10,000 and 12,000 Gallon Tanks.
See Sizes on Page 37.

Height in Feet	Ship'g Wt. Lbs.	Price Painted	Price Galv'd	Base Spread on Centers
12	3615	$293.55	$403.05	8′—11″
22	4406	367.25	555.85	10′— 9″
32	5266	452.40	721.50	12′— 7″
42	6174	537.35	895.45	14′— 6″
52	7293	633.15	1100.90	16′— 4″
62	8549	750.70	1323.60	18′— 2″
72	9956	882.20	1588.65	20′— 0″
82	11436	1020.90	1848.65	21′—11″
92	13251	1190.80	2210.25	23′— 9″
102	15187	1372.00	2575.40	25′— 7″

Prices include Longleaf Yellow Pine Girders, Joists and Walkway with Iron Handrail and Ladder. Extra for Steel Girders and Joists $117.00

CLASS KK

For 15,000 and 17,000 Gallon Tanks.
See Sizes on Page 37.

Height in Feet	Ship'g Wt. Lbs.	Price Painted	Price Galv'd	Base Spread on Centers
12	4829	$380.15	$520.75	9′—10″
22	5855	470.40	713.50	11′— 9″
32	6922	567.60	910.60	13′— 7″
42	8085	673.40	1123.30	15′— 5″
52	9317	785.55	1357.30	17′— 3″
62	10729	914.00	1587.00	19′— 2″
72	12254	1052.80	1870.65	21′— 0″
82	14225	1234.15	2260.35	22′—10″
92	16279	1419.10	2640.45	24′— 8″
102	18496	1582.20	3014.15	26′— 7″

Prices include Longleaf Yellow Pine Girders, Joists and Walkway with Iron Handrail and Ladder. Extra for Steel Girders and Joists $195.00

Heights are standard and are from ground or grade line to bottom of tank.

On all Towers a ladder is supplied from 3 feet above the top of the tank to 11 feet above the ground.

These Towers can be furnished with either bolted or riveted connections, as preferred, but are regularly furnished with bolted sections though we recommend them to be riveted.

Prices do not include tank.

We supply plans and specifications for putting in the foundations and plans for the erection where customer does the erecting.

We will quote for erecting any size outfit in any part of the country when desired.

These prices are subject to a liberal discount that will be quoted on application, or we shall be glad to quote net delivered prices. and to include erection when desired.

Caldwell TANKS AND TOWERS

PRICE LIST OF ANGLE TOWERS—Continued

See correct Tank sizes on page 37.

See prices of Wood Tanks on pages 5 to 10, Steel Tanks on page 20 and Galvanized Tanks on page 24.

CLASS LL

For 20,000 and 22,000 Gallon Tanks.
See Sizes on Page 37.

Height in Feet	Ship'g Wt. Lbs.	Price Painted	Price Galv'd	Base Spread on Centers
12	5979	$553.90	$1028.45	10′—11″
22	7170	655.62	1243.30	12′—10″
32	8422	766.26	1454.30	14′— 8″
42	9722	881.25	1689.55	16′— 6″
52	11158	1008.10	1949.20	18′— 4″
62	12698	1144.25	2227.80	20′— 3″
72	14440	1298.25	2542.95	22′— 1″
82	16568	1486.35	2927.90	23′—11″
92	18800	1683.65	3331.65	25′— 9″
102	21145	1891.00	3755.90	27′— 8″

Prices include Steel Girders, Joists, Handrail and Ladder with Longleaf Yellow Pine Walkway

CLASS NN

For 25,000 Gallon Tanks.
See Sizes on Page 37.

Height in Feet	Ship'g Wt. Lbs.	Price Painted	Price Galv'd	Base Spread on Centers
12	6510	$613.70	$1138.65	10′—11″
22	7878	735.92	1390.85	12′—10″
32	9316	863.10	1654.65	14′— 8″
42	10826	996.56	1906.95	16′— 6″
52	12587	1132.32	2205.60	18′— 4″
62	14452	1292.32	2538.10	20′— 3″
72	16360	1456.04	2839.90	22′— 1″
82	18610	1649.06	3235.40	23′—11″
92	21030	1856.72	3660.85	25′— 9″
102	23537	2071.84	4101.60	27′— 8″

Prices include Steel Girders, Joists, Handrail and Ladder with Longleaf Yellow Pine Walkway

Heights are standard and are from ground or grade line to bottom of tank.

On all Towers a ladder is supplied from 3 feet above the top of the tank to 11 feet above the ground.

These Towers can be furnished with either bolted or riveted connections as preferred, but are regularly furnished with bolted sections though we recommend them to be riveted.

Prices do not include tank.

We supply plans and specifications for putting in the foundations and plans for erecting where customer does the erecting.

We will quote for erecting any size outfit in any part of the country when desired.

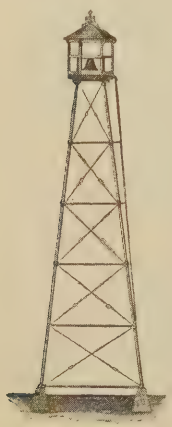
These prices are subject to a liberal discount that will be quoted on application, or we shall be glad to quote net delivered prices, and to include erection when desired.

CLASS PP

For 30,000 to 33,000 Gallon Tanks.
See Sizes on Page 37.

Height in Feet	Ship'g Wt. Lbs.	Price Painted	Price Galv'd	Base Spread on Centers
12	7709	$704.45	$1290.15	11′—11″
22	9209	828.10	1548.85	13′—10″
32	10778	963.25	1825.20	15′— 8″
42	12512	1112.00	2130.00	17′— 6″
52	14359	1270.50	2454.30	19′— 4″
62	16354	1441.65	2805.45	21′— 3″
72	18750	1641.50	3220.90	23′— 1″
82	21234	1860.30	3663.35	24′—11″
92	23832	2082.30	4119.10	26′— 9″
102	26601	2320.80	4606.80	28′— 8″

Prices include Steel Girders, Joists, Handrail and Ladder with Longleaf Yellow Pine Walkway



BELL TOWERS

Our Angle Steel Bell Towers are exceptionally strong, graceful and durable.

They are the same design as our Standard Tank Towers and are of such weight and strength and so well braced that they are thoroughly stable under the strains caused by the swinging of the bell or of very high winds.

We have never known one of these to collapse even after years of use. The only care they need is an occasional coat of paint.

For general construction see page 38. Prices include Canopy top with Rubberoid Roofing but do not include bell or framework for carrying it.

Height Feet	Class CC For Bells Weighing 1000 lbs. or less — Weight	Class CC — Price	Class FF For Bells Weighing over 1000 lbs. — Weight	Class FF — Price
22	2245	$185.00	3109	$284.80
32	2646	217.12	3619	337.80
42	3128	261.92	4189	397.10
52	3693	307.00	4900	471.06
62	4363	367.24	5675	543.22
72	5175	438.66	6637	627.90
82	6147	522.66	7637	728.30

Caldwell TANKS AND TOWERS

TUBULAR COLUMN STEEL TOWER

This is our original steel tower and was designed thirty years ago. It still meets all modern requirements in design and is preferred by many on account of appearance and other advantages.

It is built with four columns and is constructed for Tanks from 1,000 to 40,000 gallons.

The columns of these Towers are cut off square at the ends and then faced in a lathe to insure a true bearing against the internal flange in the heavy socket castings that make the joint connections, this flange also being faced off. These sockets are made on the proper angle to suit the batter of the Tower, and have a boss that is tapped to receive the extra long threaded ends of the round steel rods that are used for sway bracing. These rods are provided with drop forged turnbuckles to secure proper tension.

The Tower is the simplest in design of any on the market, and the easiest to erect as the use of socket connections does away with all riveting and makes it unnecessary to use skilled labor in putting it up. Any ordinary mechanic can erect the structure with common labor.

Practically no scaffolding is required as the sections are short and each is just like the others, and one section can be used from which to erect the next. A ginpole with ropes and blocks and wrenches are all the tools required.

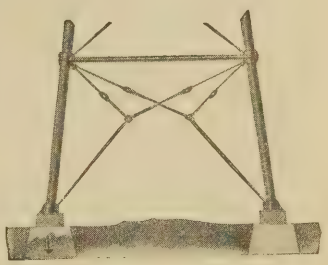
In asking for prices state the kind of Tank (wood or steel), capacity in gallons, height of tower, and if we are to include the Riser Piping and Frost Boxing for Riser Pipe and Erection in our Estimate.

See prices on next page

STANDARD DRIVEWAY

A driveway through any of our standard towers can be arranged by the special bracing illustrated at a small additional cost. In our Latticed Column Tower there is usually sufficient clearance for a driveway without any change. This design is very simple but structurally correct.

Tell us whether the driveway goes straight through or turns under the tower and also the clearance required; that is, the height above the grade line and the width at this height.



Caldwell TANKS AND TOWERS

PRICE LIST OF TUBULAR COLUMN STEEL TOWERS

See correct Tank sizes on page 37.
See prices of Wood Tanks on pages 5 to 10, Steel Tanks on page 20 and Galvanized Tanks on page 24.

CLASS O

For 1,000 to 1,500 Gallon Tanks.
See Sizes Page 37.

Height in Feet	Weight in Pounds	Prices Complete	Base Spread on Centers
15	1535	$121.44	6′— 6″
20	1988	169.53	7′—11″
27	2129	185.13	9′— 6″
39	2750	252.75	12′— 6″
51	3532	339.00	15′— 6″
63	4345	424.86	18′— 6″
75	5217	516.87	21′— 6″

Extra for Steel Girders and Joists.....$39.00
Estimated Cost of Foundations in good ground.....$15.00

CLASS A

For 2,000 to 3,000 Gallon Tanks.
See Sizes Page 37.

Height in Feet	Weight in Pounds	Prices Complete	Base Spread on Centers
15	2022	$153.18	7′— 6″
20	2638	217.47	8′— 9″
27	2776	232.71	10′— 6″
39	3581	316.59	13′— 6″
51	4515	416.07	16′— 6″
63	5450	514.80	19′— 6″
75	6458	619.56	22′— 6″
87	7783	751.32	25′— 6″

Extra for Steel Girders and Joists.....$39.00
Estimated Cost of Foundations in good ground.....$20.00

CLASS B

For 5,000 to 6,000 Gallon Tanks.
See Sizes Page 37.

Height in Feet	Weight in Pounds	Prices Complete	Base Spread on Centers
15	2826	$205.14	8′— 6″
20	3204	253.50	9′— 9″
27	3879	312.42	11′— 6″
39	5011	426.78	14′— 6″
51	6290	559.62	17′— 6″
63	7614	693.24	20′— 6″
75	9016	835.41	23′— 6″
87	10531	986.58	26′— 6″
100	11947	1125.33	29′— 6″

Extra for Steel Girders and Joists.....$48.75
Estimated Cost of Foundations in good ground.....$25.00

CLASS C

For 10,000 to 12,000 Gallon Tanks.
See Sizes Page 37.

Height in Feet	Weight in Pounds	Prices Complete	Base Spread on Centers
15	4287	$306.60	10′— 0″
20	4795	364.26	11′— 3″
27	5777	452.64	13′— 0″
39	7373	607.74	16′— 0″
51	9148	784.14	19′— 0″
63	10988	963.12	22′— 0″
75	12967	1154.40	25′— 0″
87	15059	1356.30	28′— 0″
100	17288	1569.69	31′— 0″

Extra for Steel Girders and Joists....$117.00
Estimated Cost of Foundations in good ground.....$32.50

CLASS D

For 15,000 to 17,000 Gallon Tanks.
See Sizes Page 37.

Height in Feet	Weight in Pounds	Prices Complete	Base Spread on Centers
15	5601	$395.70	11′— 0″
20	6264	462.21	12′— 3″
27	7367	567.93	14′— 0″
39	9229	747.93	17′— 0″
51	11210	939.66	20′— 0″
63	13312	1142.43	23′— 0″
75	15535	1355.43	26′— 0″
87	17877	1579.77	29′— 0″
100	20344	1815.75	32′— 0″

Extra for Steel Girders and Joists.$195.00
Estimated Cost of Foundations in good ground $40.00

CLASS E

For 20,000 to 22,000 Gallon Tanks.
See Sizes Page 37.

Height in Feet	Weight in Pounds	Prices Complete	Base Spread on Centers
15	7062	$593.21	12′— 0″
20	7682	667.37	13′— 2″
27	9261	836.24	15′— 0″
39	11595	1091.24	18′— 0″
51	14078	1360.31	21′— 0″
63	16808	1645.19	24′— 0″
75	19490	1940.66	27′— 0″
87	22423	2252.39	30′— 0″
100	25505	2578.34	33′— 0″

Estimated Cost of Foundations in good ground $50.00

PRICES OF LARGER SIZES ON APPLICATION

Prices include Longleaf Yellow Pine Girders, Joists and Walkway with Iron Handrail and Ladder, except Classes E to G, which include Steel Girders and Joists. Note extra price for Steel Girders and Joists.

Heights are standard and are from ground or grade line to bottom of tank.

On all towers a ladder is supplied from 3 feet above the top of the tank to 13 feet above the ground.

Prices do not include tank.

We supply plans and specifications for putting in the foundations and plans for the erection where customer does the erecting.

We will quote for erecting any size outfit in any part of the country when desired.

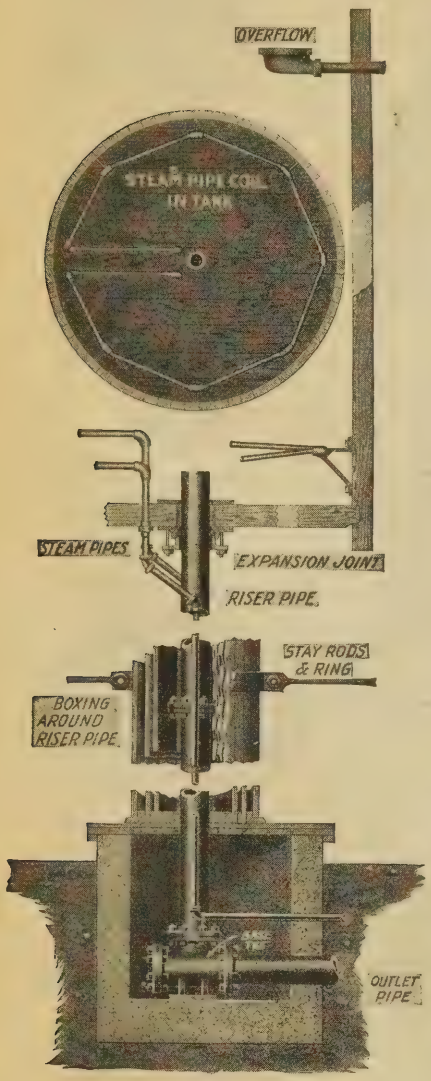
These prices are subject to a liberal discount that will be quoted on application, or we shall be glad to quote net delivered prices, and to include erection when desired.

RISER PIPES

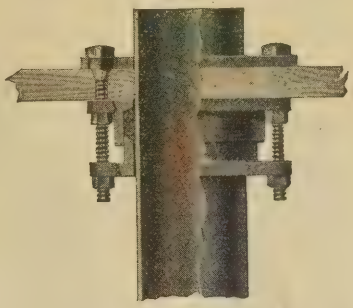
PRICES ON PAGE 47

CAST IRON FLANGED RISER PIPE

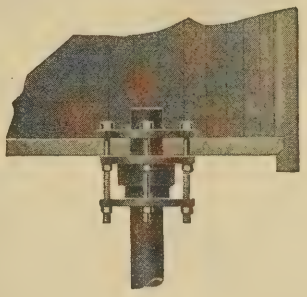
With Steam Coil in Tank

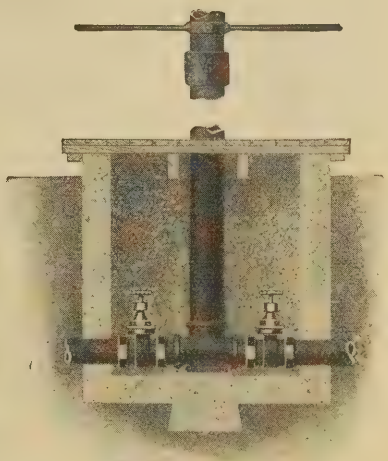


COMBINED EXPANSION JOINT AND PIPE CONNECTION



STEEL RISER PIPE





NOTE:—One pipe is generally used for inlet and outlet

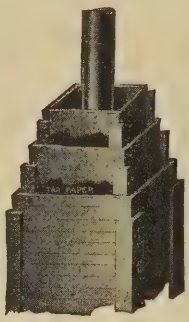
Caldwell TANKS AND TOWERS

ACCESSORIES

PRICES ON PAGE 47

CIRCULAR FROST BOXING

SQUARE FROST BOXING



PIPE FLANGE

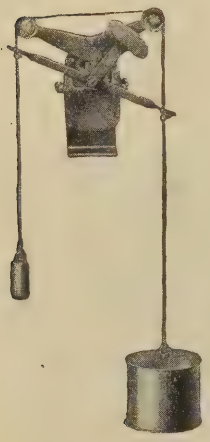
Furnished with Bolts Nuts, Washers and Rubber Gaskets

TANK OUTLET VALVE

See opposite page for prices which include a companion flange to match.

AUTOMATIC ELECTRIC FLOAT SWITCH

For Starting and Stopping Pumps

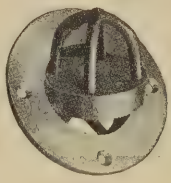


Prices on Application

PIPE COVERING

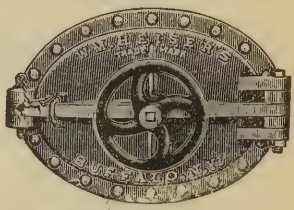
One Inch thick layer of Hair Felt, wired around wood strips.

BRASS TAPERED OUTLET AND PLUG FOR DYE TUBS

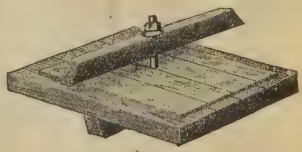


Prices on Application

MANHOLE DOORS



Cast Iron Manhole Door. Prices on application.



Wood Manhole Door, with either Iron or Brass Bolts. Prices on application.

Caldwell TANKS AND TOWERS

PRICES OF PIPING AND ACCESSORIES

As Illustrated on Two Previous Pages

PRICES OF RISER PIPES

Steel and Cast Iron Flanged

Height	2" Steel		2½" Steel		3" Steel		4" Steel		6" Steel		6" Cast Iron		8" Steel		8" Cast Iron	
	Wt.	List Price	Wt.	List Price	Wt.	List Price	Wt.	List Price	Wt.	List Price	Wt.	List Price	Wt.	List Price	Wt.	List Price
12′	92	16.32	136	21.90	167	23.73	235	35.58	483	60.84	704	80.57	822	120.83	1027	121.40
15′	104	17.85	157	24.32	209	27.89	280	41.42	570	75.21	778	92.34	954	140.13	1180	137.33
20′	125	20.43	191	28.38	255	34.82	356	51.15	713	96.44	962	112.01	1173	170.66	1434	164.25
22′	133	21.32	203	29.81	271	37.13	380	53.82	755	101.09	1024	118.49	1234	179.04	1520	173.10
25′	145	22.65	221	31.94	295	40.59	416	59.16	818	108.06	1117	128.06	1327	191.61	1709	186.36
27′	152	23.57	235	33.39	312	42.93	438	60.47	858	112.71	1180	134.61	1389	199.95	1734	195.21
30′	164	25.01	253	35.67	339	45.90	477	65.21	930	121.13	1282	145.16	1447	214.91	1872	209.66
32′	172	25.95	265	37.19	357	47.88	503	68.38	978	126.74	1350	152.19	1569	224.87	1964	219.30
35′	184	27.39	283	39.47	384	50.85	542	73.14	1050	135.15	1452	162.74	1677	239.82	2122	233.75
39′	202	29.27	313	42.41	425	54.78	598	79.53	1146	146.30	1583	176.90	1824	259.79	2287	253.05
40′	210	30.39	323	43.85	438	56.46	616	81.90	1173	149.78	1623	181.38	1864	265.55	2339	259.17
42′	226	32.64	343	46.71	464	59.84	652	86.61	1227	156.74	1703	190.35	1944	277.07	2443	271.41
45′	250	36.00	373	50.99	503	64.88	706	93.69	1308	167.19	1823	203.82	2064	294.33	2599	289.79
50′	290	41.61	422	58.20	568	73.29	796	105.50	1443	184.59	2023	226.26	2264	323.13	2859	320.39
51′	299	42.77	439	59.57	577	74.99	816	107.85	1474	188.07	2060	230.72	2301	328.86	2936	326.58
55′	315	43.29	463	60.62	613	77.55	868	110.69	1570	193.10	2196	244.83	2445	337.97	3120	345.80
60′	335	43.95	493	61.97	658	80.78	933	114.24	1690	199.37	2366	262.49	2625	349.35	3350	369.95
62′	343	44.22	505	62.48	676	82.07	959	115.65	1738	201.87	2434	269.55	2697	353.90	3442	379.58
63′	348	44.42	517	62.84	690	82.94	974	116.36	1760	203.16	2464	273.02	2735	356.25	3490	384.42
65′	358	45.44	531	64.38	710	83.22	1002	119.43	1810	208.44	2532	280.22	2809	365.55	3584	393.66
70′	383	48.00	566	68.27	760	88.76	1072	127.11	1935	221.64	2702	298.20	2994	388.82	3819	416.76
75′	409	50.66	605	72.18	812	94.35	1141	134.72	2057	234.90	2875	316.19	3177	412 05	4051	439.77
80′	459	56.69	665	79.52	927	103.10	1241	146.34	2202	251.49	3083	339.45	3382	439.28	4331	472.52
85′	509	62.70	725	86.87	1042	111.84	1341	158.00	2347	268.07	3295	362.72	3587	466.50	4611	505.28
87′	526	65.07	753	89.87	1084	115.31	1389	162.63	2408	274.67	3375	371.96	3673	477.39	4718	518.45
90′	535	66.27	771	91.74	1153	118.04	1416	166.44	2480	282.20	3468	381.71	3775	490.05	4847	531.81
100′	574	70.29	831	98.15	1383	127.19	1538	179.10	2716	307.37	3774	414.23	4109	532.26	5271	576.32

PRICES OF BOXING

Height	1½"-2"-2½"				3" and 4"				6"				8"			
	Double Square		Triple Square		Double Square		Triple Square		Double Circular		Triple Circular		Double Circular		Triple Circular	
	Wt.	List Price	Wt.	List Price	Wt.	List Price	Wt.	List Price	Wt.	List Price	Wt.	List Price	Wt.	List Price	Wt.	List Price
12′	482	18.30	758	29.07	647	25.62	1039	39.18	596	22.11	1032	37.50	726	23.43	1161	42.84
15′	567	21.60	910	34.38	748	28.65	1228	46.74	781	29.13	1363	47.22	896	33.24	1436	52.08
20′	714	27.18	1150	44.76	943	35.94	1543	59.37	924	34.47	1608	58.74	1094	40.71	1745	64.08
22′	774	29.40	1248	47.88	1017	38.52	1667	66.75	1006	37.56	1752	64.05	1186	45.03	1891	69.39
25′	864	32.58	1395	52.56	1128	42.39	1853	77.82	1129	42.20	1968	71.87	1324	51.51	2110	77.36
27′	919	34.95	1494	55.68	1203	44.97	1980	85.20	1210	45.33	2114	77.31	1414	55.83	2259	82.71
30′	1009	38.28	1638	61.04	1317	49.47	2169	89.61	1315	49.29	2303	84.42	1543	59.61	2463	90.23
32′	1069	40.50	1734	64.61	1393	52.47	2295	92.55	1385	51.93	2429	89.16	1629	62.13	2599	95.24
35′	1159	43.83	1878	69.96	1507	56.97	2484	96.96	1490	55.89	2618	96.27	1758	65.91	2803	103.75
39′	1271	48.24	2068	77.01	1658	63.00	2733	102.90	1632	61.08	2866	105.75	1933	70.95	3080	112.68
40′	1300	49.32	2116	78.78	1696	64.43	2796	105.24	1667	62.39	2937	107.93	1976	72.53	3149	115.19
42′	1358	51.48	2212	82.32	1772	67.28	2922	109.92	1737	65.00	3079	112.28	2062	75.68	3287	120.20
45′	1445	54.72	2356	87.63	1886	71.55	3111	116.94	1842	68.91	3292	118.80	2191	80.40	3494	127.71
50′	1590	60.12	2596	96.48	2076	78.68	3426	128.64	2017	75.44	3647	129.68	2406	88.28	3839	140.24
51′	1620	61.20	2643	98.25	2113	80.13	3486	131.01	2053	76.71	3718	131.82	2452	89.85	3905	142.68
55′	1740	65.76	2835	105.33	2265	85.89	3738	140.37	2193	82.11	3934	141.36	2624	96.09	4177	152.70
60′	1890	71.46	3075	114.18	2455	93.09	3933	152.07	2368	88.86	4204	153.20	2839	103.89	4517	165.23
62′	1950	73.74	3171	117.72	2531	95.97	4179	156.75	2438	91.56	4312	158.06	2925	107.01	4653	170.24
63′	1975	74.88	3218	119.55	2568	97.35	4239	159.12	2476	92.85	4370	160.44	2971	108.51	4725	172.68
65′	2033	77.10	3314	123.06	2644	100.20	4362	163.83	2546	94.77	4496	164.76	3057	111.66	4863	177.69
70′	2178	82.65	3554	131.84	2834	107.33	4677	175.61	2721	99.57	4811	175.56	3272	119.46	5208	190.22
75′	2327	88.26	3793	140.67	3023	114.54	4991	187.29	2898	104.43	5121	188.39	3488	127.44	5548	202.65
..	....	....	....	....	3213	121.07	5306	198.99	3073	112.51	5436	197.87	3704	135.47	5888	215.25
85′	....	....	....	....	3403	127.59	5621	210.69	3248	120.18	5751	209.34	3919	143.49	6228	227.85
87′	....	....	....	....	3478	131.76	5743	215.40	3319	123.39	5873	213.96	4009	146.67	6368	232.83
90′	....	....	....	....	3583	135.45	5917	221.93	3415	126.99	6047	220.13	4129	151.04	6575	239.67
100′	....	....	....	....	3933	147.81	6496	243.60	3741	139.08	6625	240.72	4528	165.63	7191	262.50

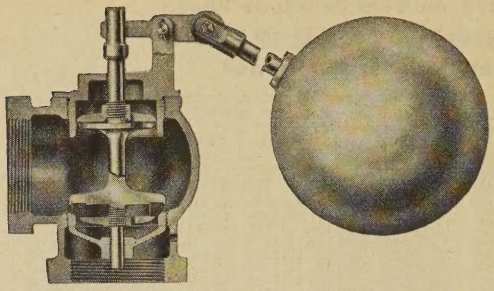
Always state if tank is wood or steel and thickness of tank bottom. Prices of 10" and 12" on application.

PRICES OF ACCESSORIES

Size	Pipe Covering Per Foot		Expansion Joints		Pipe Flanges		Tank Outlet Valves and Companion Flange	
	Wt.	Price	Wt.	Price	Wt.	Price	Wt.	Price
2"	13	$1.05	16	$ 7.35	6	$2.40	9	$10.41
2½"	15	1.20	20	8.40	6½	3.00	15	13.02
3"	17	1.35	18	10.50	7	3.60	24	15.60
3½"	..	....	22	14.70	9	4.20	..	....
4"	20	1.50	28	18.90	12½	4.80	32	20.76
5"	..	....	40	39.90	14½	6.00	59	26.01
6"	..	....	55	47.25	18	7.20	82	31.20
8"	..	....	95	105.00	27	9.60	122	45.60

Prices of other sizes on application.

CALDWELL BALANCED FLOAT VALVE



LIST PRICES

¾ and 1-inch	$12.00
1¼-inch	14.00
1½-inch	16.00
2 -inch	22.00
2½-inch	26.00
3 -inch	34.00
4 -inch	56.00

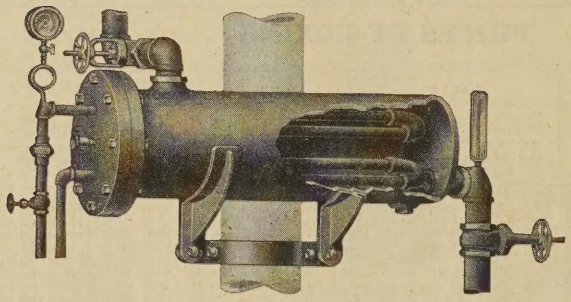
The Caldwell Balanced Float Valve gives very reliable service. It is used on any tank or reservoir where a constant level of the liquid must be maintained.

Its design is simple and the balanced feature causes it to open and close easily and positively without having to have an excessively large ball as the float does not have to work against the pressure of the water.

The valve is rubber and upper packing is leather for cold water and hydraulic packing for hot. The body and spool are iron—other parts being of brass.

In ordering state whether cold or hot water is to be used.

CALDWELL STEAM TANK HEATERS



The use of a Tank Heater is by far the best method of supplying heat to a wood or steel tank to prevent freezing.

They are intended to be used with ten pounds steam pressure, but in cases where steam is not available a hot water heater burning coal or gas can be used.

The brass steam coil inside heats the water which rises through the heater pipe into the tank and is replaced by cold water from the riser pipe. This circulation prevents the riser from freezing.

The Tank Heater is usually set in a pit under the tower or in the top floor when the tank rests on a building and is hung on the riser pipe.

Size Heater	Maximum Capacity	Size Water Pipes	Size Steam Pipe	Price, Complete
No. 1	25,000 gallons, Wood Tank	2″	¾″ and 1″	$120.00
No. 2	55,000 gallons, Wood Tank	2″	¾″ and 1″	150.00
No. 3	25,000 gallons, Steel Tank	2″	1″ and 1″	255.00
No. 4	55,000 gallons, Steel Tank	2″	1¼″ and 1¼″	360.00

Two No. 3 Heaters are good for 80,000 gallons, Steel Tank.
Two No. 4 Heaters are good for 150,000 gallons, Steel Tank.

For cold climates larger heaters should be used.

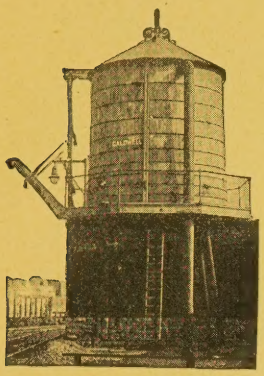
These list prices include a large steam trap, strainer, pressure gage, thermometer, relief valve, clamps and all necessary valves and fittings, but no piping is included. To get the price for the piping use the same list prices and discount as for 2½″ Riser Pipe on page 47.

Gas, Coal or Electric Heaters can be furnished when desired. Write for prices.

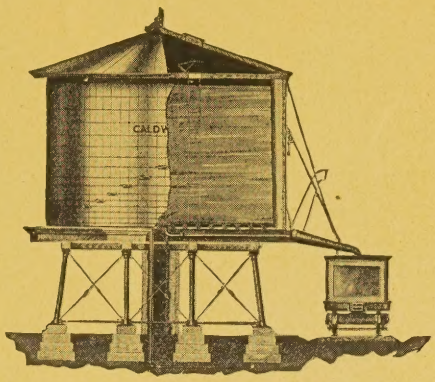
Caldwell TANKS AND TOWERS

RAILROAD TANK FIXTURES

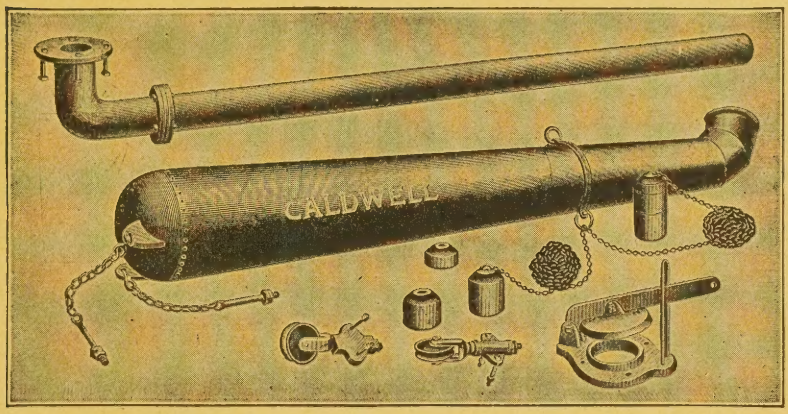
Improved Valve, Outlet Pipe, Galvanized Spout and Fixtures



Anheuser-Busch Brewing Co.
St. Louis, Mo.



Standard Railroad Tank Outfit



The above cut represents our Improved Tank Fixtures which are strictly frost proof. We furnish these in five sizes: 4, 6, 7, 8 and 10 inch.

PRICES FOR COMPLETE FIXTURES

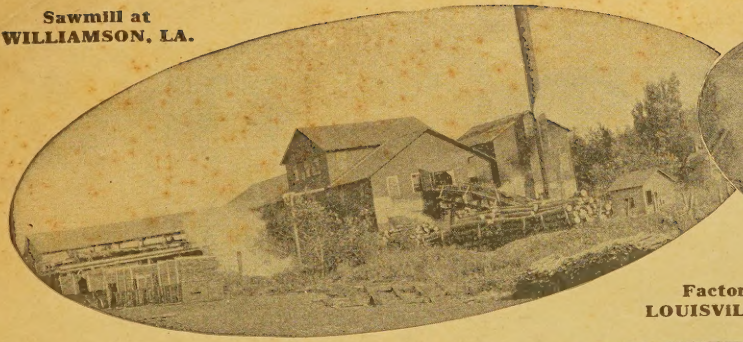
as shown above and including Triangle

	4 In.	6 In.	7 In.	8 In.	10 In.
Fixtures for 10 to 14 ft. diameter Tank	$105.96	$144.00	$170.01	.....	.....
" " 16 " "	125.97	154.02	180.00	$216.00	$298.02
" " 20 " "	.....	164.01	190.02	226.02	318.00
" " 24 " "	.....	174.00	200.01	236.01	338.01
" " 30 " "	.....	195.00	215.01	256.02	368.01

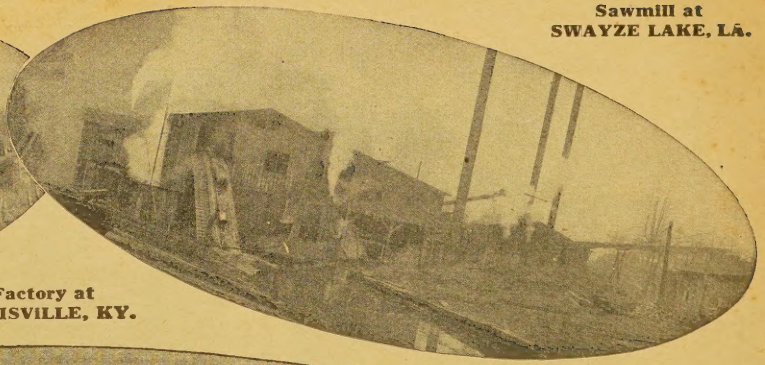
Write for discounts and freight rates or state outside bottom diameter and outside height of tank, distance from center of track to center of tank and we will quote net delivered prices.

Caldwell TANKS AND TOWERS

Sawmill at
WILLIAMSON, LA.



Sawmill at
SWAYZE LAKE, LA.



Factory at
LOUISVILLE, KY.